



Apollo and his Crow (Coronis?)
Inner side of white-ground kylix attr to
Pistoxenos Painter,
Delphi, Archaeological Muaeum
cf: Wikimedia Commons: Fingalo)

(Flickr: Hisayoshi Kato)



Apollo with Raven and small dog (?)
Pergamonmuseum

Classical globes

Corvus

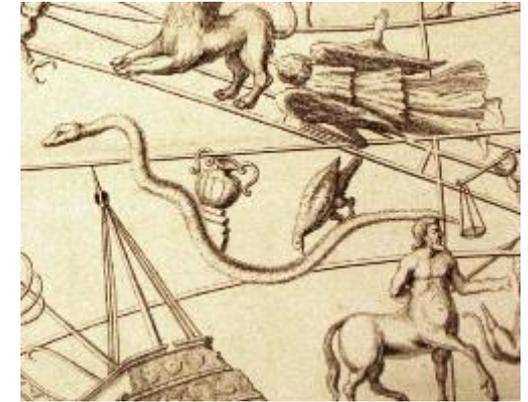


Naples, Farnese Atlas
© Petr Hadrava

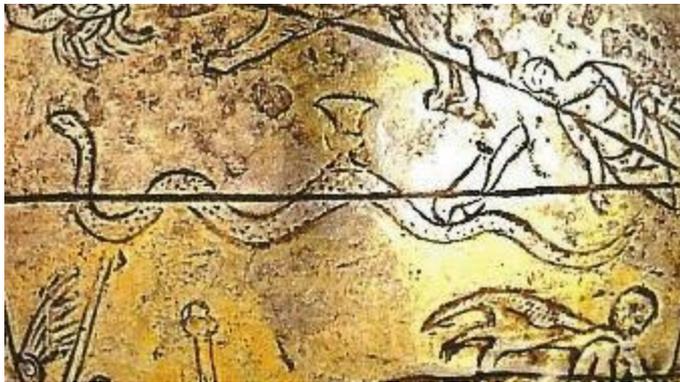
n.b. – raised head of Hydra, Crater with handles and stepped base, Corvus facing forward and pecking



© Petr Hadrava



Bentley's Manilius



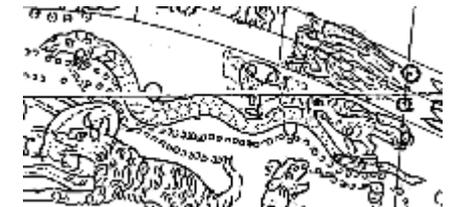
Paris, Kugel Globe

n.b. – Hydra flattish, Crater w/o handles, Corvus facing forward and pecking



Mainz globe

n.b. – Hydra flattish, Crater = cup with handles, Corvus facing forward and pecking

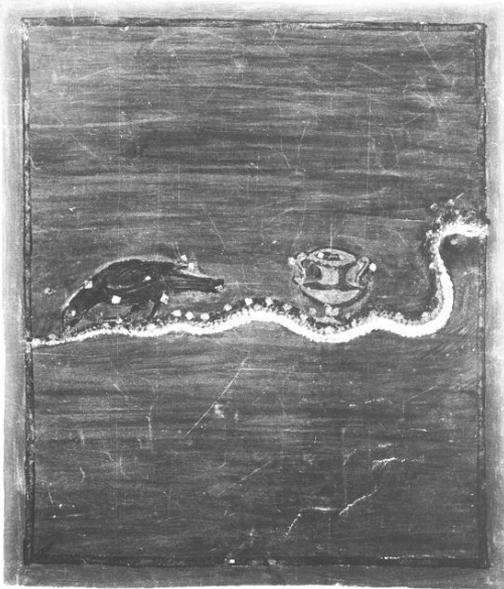


(drawing © Kunzl)

Germanicus mss

Corvus

I. = z stemma



Leiden, Univbibl
Voss lat 4° 79
n.b. – Hydra w/raised head to right,
Crater with handles, Corvus pecks and
is facing backwards

Boulogne-sur-Mer, Bibl. Mun.
Ms 188
same

Bern, Burgerbibl,
Ms 88



vs. planisphere
Hydra head flatter, Crater without handles

vs. planisphere
same

Germanicus mss

Corvus

II and III. = O stemma (O¹ or v)

II.

III.



Basle, OBU
Ms AN.IV . 18
n.b. – Hydra w/ raised head to left; Crater w/handles and Corvus pecking and facing forward



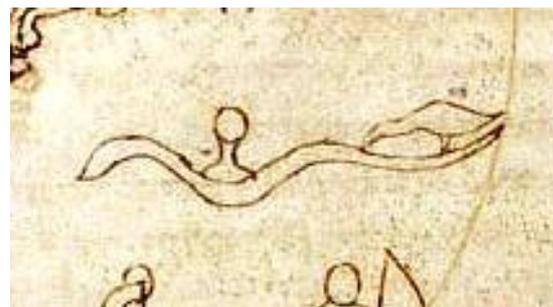
Aberystwyth, NLW
Ms 735 C
similar, but kink in Hydra's neck



vs. planisphere
n.b. – Hydra flattish, Crater as cup, Corvus pecking and facing forward



vs. planisphere
n.b. – Crater as cup, Corvus flying forwards



vs. schema



vs. summer hemisphere

Germanicus mss

IV. = O stemma (O² or μ)



Madrid, Bib nac
Ms 19 (16)

n.b. – Hydra with raised head to left, Crater with handles, Corvus pecking and facing front

Corvus

Va. = O stemma (O² or μ = Siciliensis)



Cologne, Bib Bodmer
Cod lat 7
same



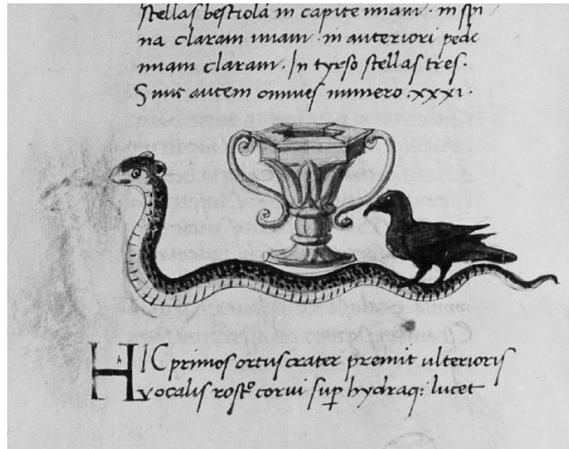
NY, Pierpont Morgan Libr
Ms M 389
same

Vb.



Vatican, BAV
Barb lat 76
similar, but Hydra with canine face

VI.

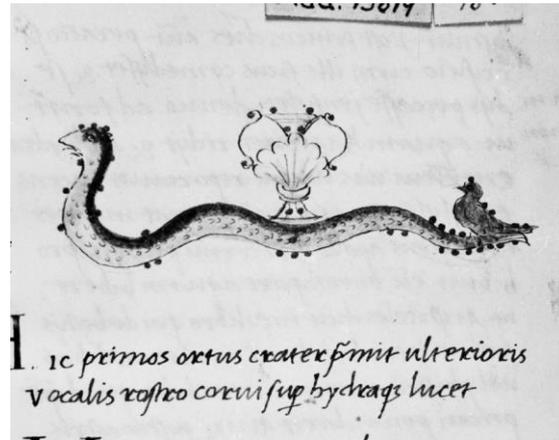


London BL

Egerton 1050

similar, but Corvus not pecking

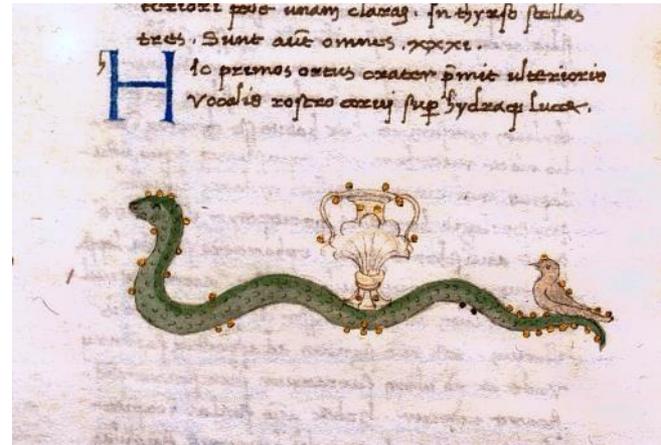
VII.



London BL

Add 15819

similar



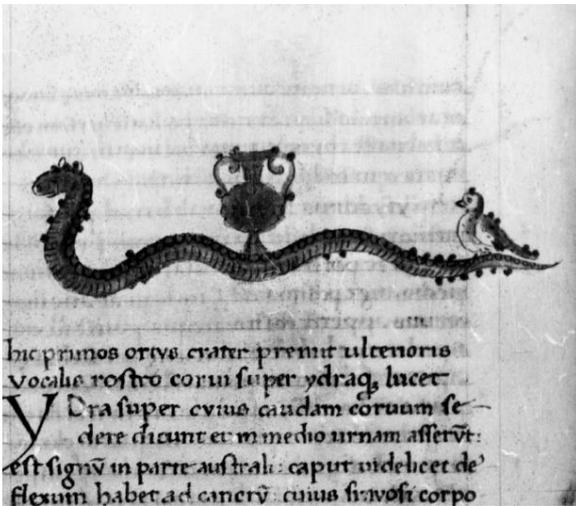
Naples, Bib naz

XIV D 37

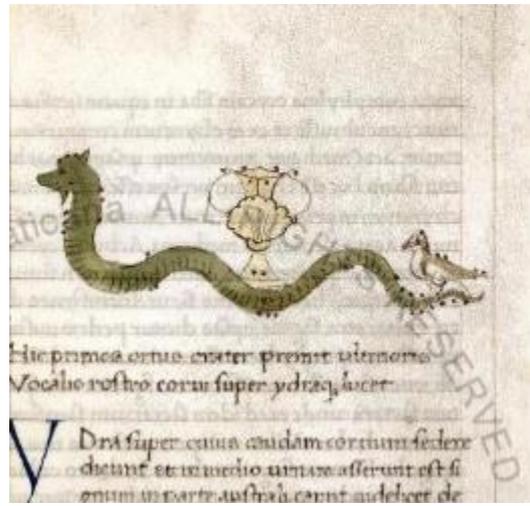
same

= fragmentum ... repertum in Sicilia

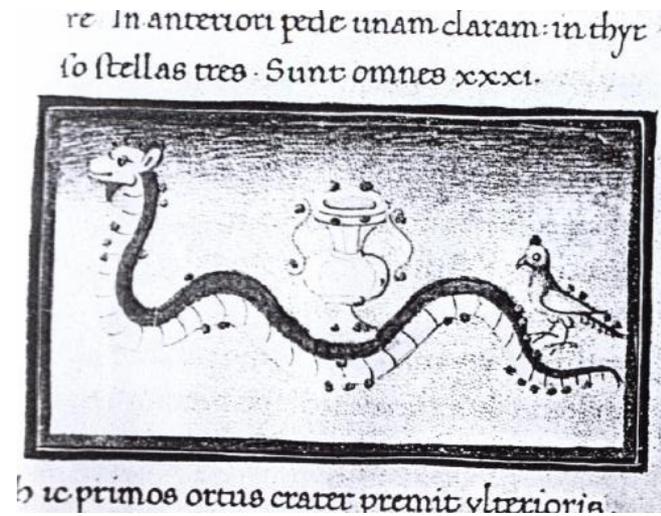
VIIIa.



Madrid Bib Nac
Ms 8282
n.b. – white Corvus



Vatican, BAV
Barb lat 77
same



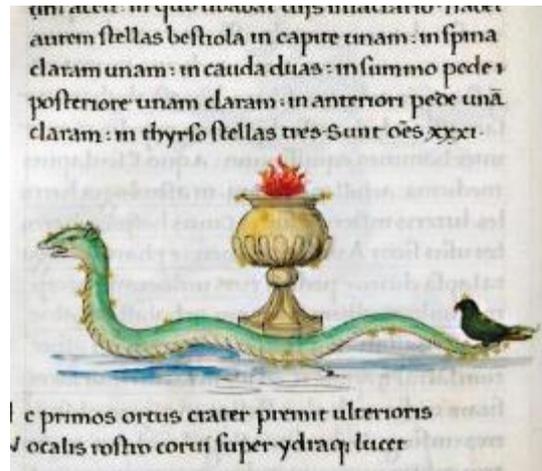
Vienna, Schottenstift
Ms 51
same

VIIIb.



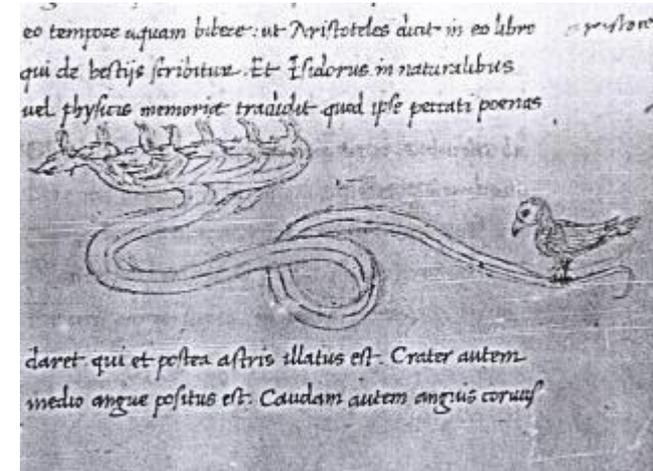
Vatican,BAV
Urb lat 1358
same with white Corvus

VIIIc.

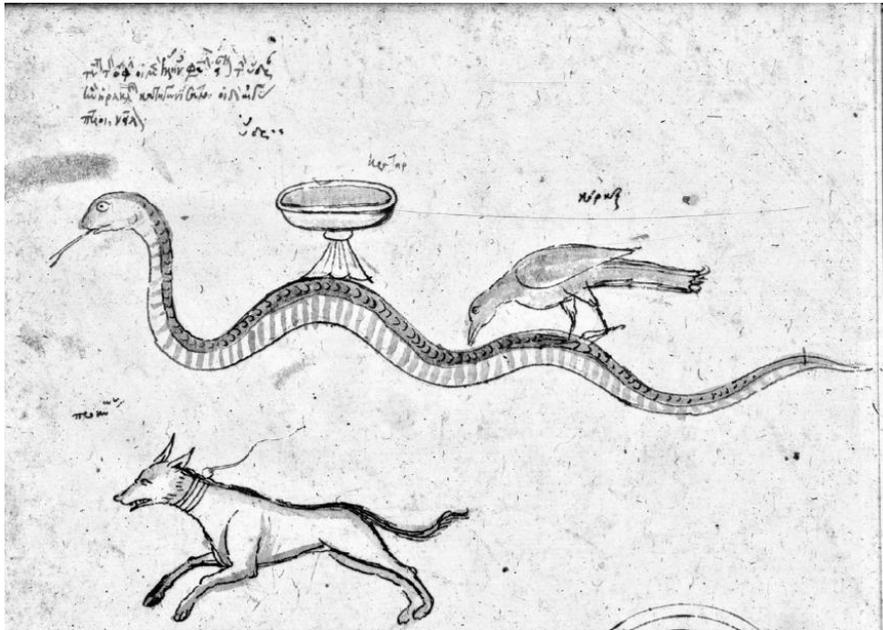


Florence, Bibl Laurenziana
Plut 89 sup 43
similar, but black Corvus and flame in Crater

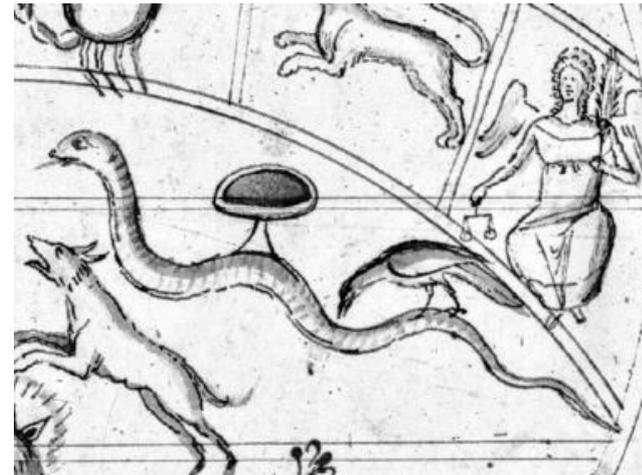
IX.



Montpellier
Ms H 452
n.b. – 7-headed Hydra, missing Crater



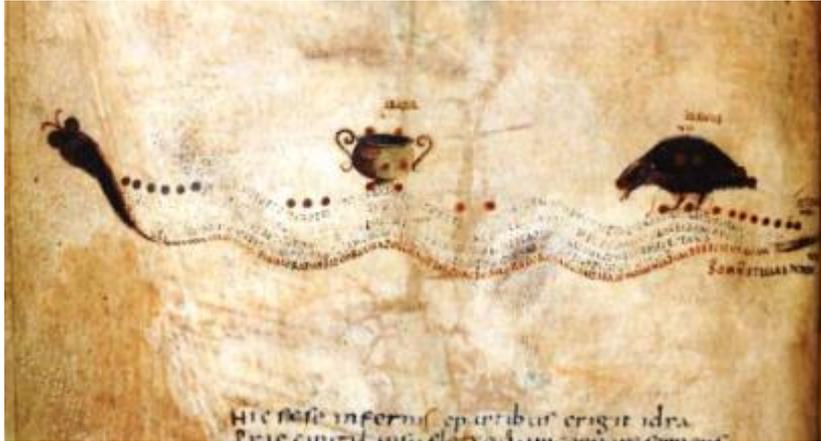
planisphere
Corvus not pecking



summer hemisphere

Vatican BAV,
Vat grec 1087

n.b. – Hydra flattish, Crater as cup, Corvus pecking and facing forward



London, BL
 Harley 647
 n.b. – Hydra to left with sluglike head seen from top, Crater with handles, Corvus pecking and facing front



London, BL
 Harley 647 – planisphere
 n.b – Corvus faces tail

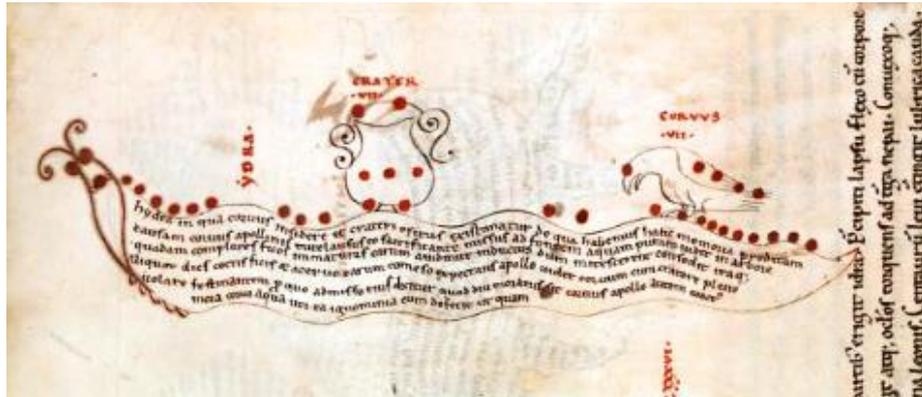


London, BL
 Harley 2506 – slug-like Hydra with curls at side of head, flame from mouth of Hydra?



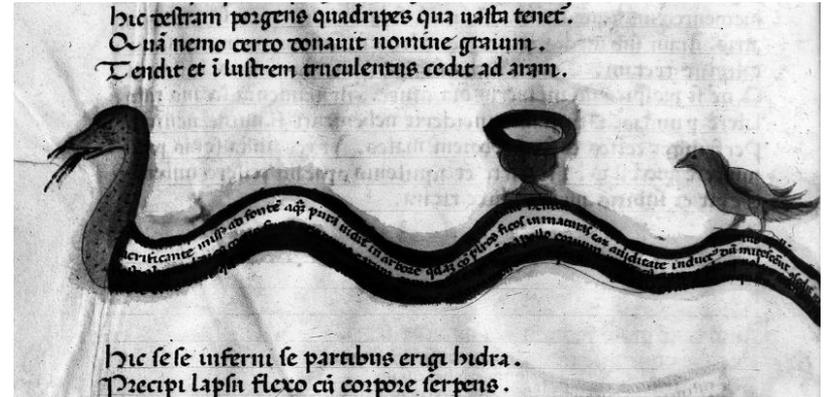
London, BL
Cotton ms Tib B.V., pars 1

n.b. – Hydra’s curls reduced to part of tri-partite tongue



London, BL
Cotton Ms Tib C. 1

n.b. – curls become antennae



Gottweig,
Stiftsbibl Ms 7

n.b. – unlike other Cicero mss, Hydra to left with raised head, snakelike, Crater w/o handles, Corvus not pecking

I.



Dresden, Landesbibl.

Ms D C 183 –

n.b. – flattish Hydra to left with ‘flame-breath’, Crater with handles, Corvus facing forward and not pecking

Paris BN

Lat 12957

similar

Prague, Univbibl

Ms IX. C. 6 (1717)

similar, Hydra without ‘breath’, Corvus with wings outspread



Dresden – summer hemisphere

Crater as cup, Corvus facing forward



Paris – summer hemisphere and globe

same

missing from manuscript

Prague – summer hemisphere

1a.



St Gallen, Stiftsbibl
Ms 902

n.b. – Hydra to left with ears, Crater as cup w/o handles, Corvus pecking and facing front



St Gallen, Stiftsbibl
Ms 250

same

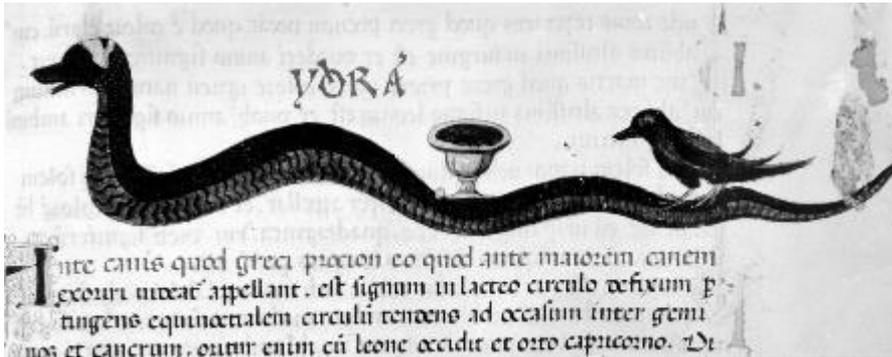


summer hemisphere
Crater w/o foot; Corvus not pecking



summer hemisphere

Ib.

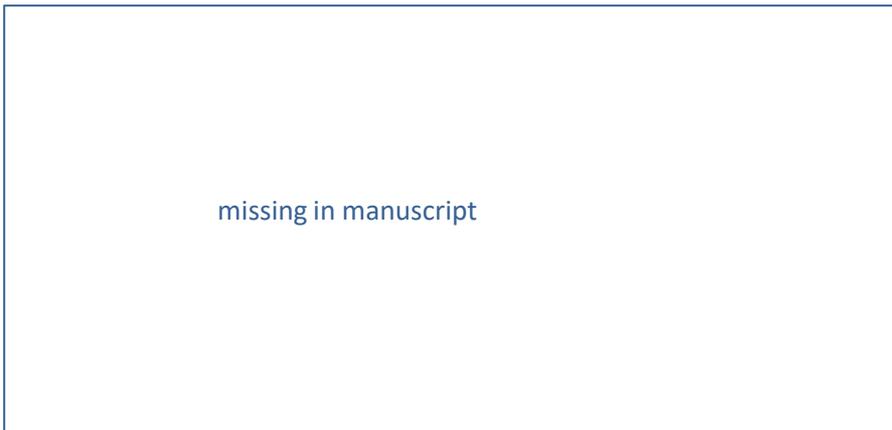


Gottweig, Stiftsbibl.
Ms 7 (146)

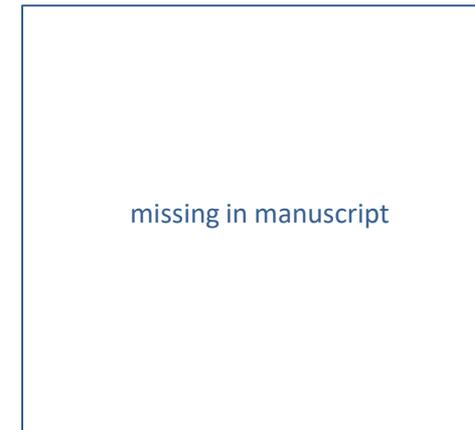
n.b.— Hydra to left with lifted head, Crater like chalice, Corvus facing front



hemisphere



Siena, Bib com
Ms L. IV. 25
same



hemisphere

Revised Aratus Latinus

I. (distant relative)



Paris BN
n.a. 1614
n.b. – Hydra to right, flattish with ‘breath’;
Crater as goblet; Corvus facing tail



Munich, Staatsbibl.
Clm 560
n.b. – Hydra alone to left, ms has two
circlets on its back in pencil



Vatican, BAV
Reg lat 1324
n.b. – Hydra to left, Crater as chalice, Corvus
facing front



summer hemisphere
n.b. – to left, Corvus facing front



summer hemisphere



summer hemisphere

II.



Cologne, Dombibliothek
Ms 83.11

n.b. – Hydra to the right, Crater without handles, Corvus facing the tail

I.



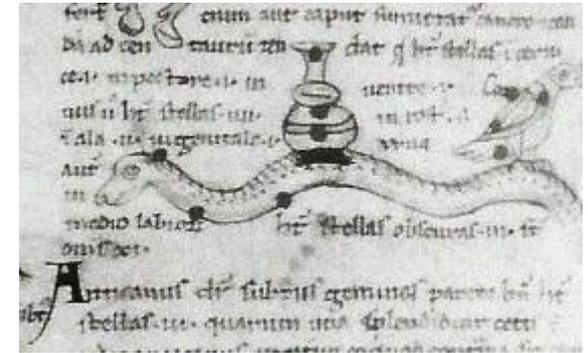
Oxford, Bodleian
Laud misc 644

n.b. – Hydra flat, Crater w/o handles,
Corvus facing tail



Padua, Bibl Antoniona
Ms Anton 27

n.b. – similar



Paris BN
lat. 14754

n.b. – close to Oxford ms



Venice, Bib Marciana
Ms VIII, 22

n.b. – Hydra fatter, w/ dropped
tail, Corvus walking towards tail

la.



Dijon
Bib mun, Ms 488
similar

Ila.



Paris, BN
Lat 5543

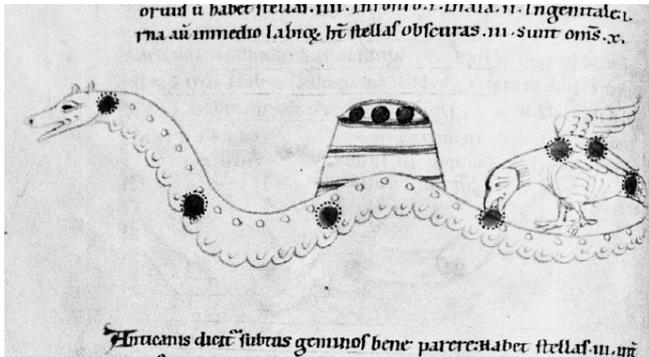
n.b. – horned and bearded Hydra faces left with bump in neck, Crater with handles, Corvus pecking and facing front



Paris, BN
Lat 5239

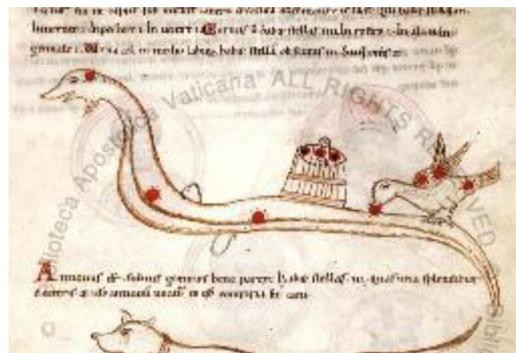
similar, Hydra without horn

IIb.



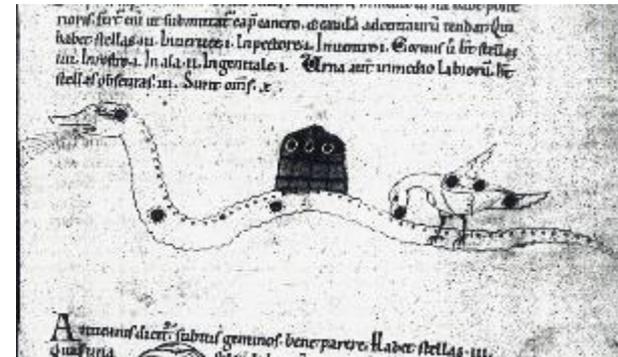
Klosterneuburg,
Stiftskirche, Ms 685

n.b. – Hydra with frilled underside, Crater as bucket, Corvus pecking, facing front and wings open



Vatican, BAV
Vat lat 643

similar, but Hydra with beard and end of tail turns down



Zwettl, Stiftskirche
Ms 296

similar, Hydra with 'breath' and tail turned down

III.



Laon
 Bibl mun, Ms 422

n.b. – Hydra faces to right, with horns, beard and
 ‘breath’; Crater as chalice, Corvus faces front and pecks



Rouen,
 Bibl mun, 26

similar, but Hydra with crown and ‘breath’; Crater as
 bucket/vase

Singletons



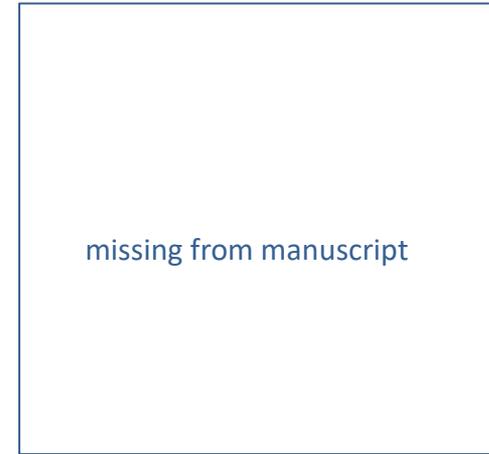
Amiens
Bibl. mun., Ms 222

n.b. – Hydra head to right a dipped; Crater without handles; Corvus facing tail
Second Crater below left; second Corvus in right profile at bottom right



Durham, Cathedral Libr
Hunter 100

n.b. – Hydra with to left with 'breath'; no Crater, Corvus standing to left



Freiburg-im-Bresgau
Ms 35

Singletons



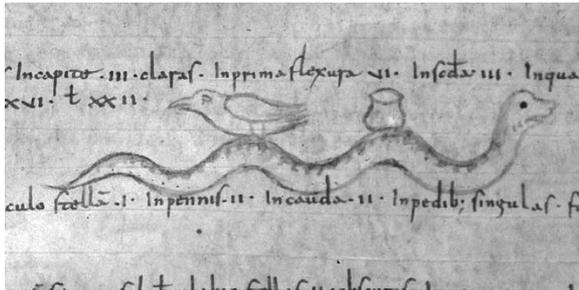
Montecassino,
Badia, Ms 3

n.b. – Hydra to left with S-shaped neck and small horns/ears, Crater as one-handed pitcher, Corvus pecking and facing forward

De ordine ac positione

Corvus

1a.



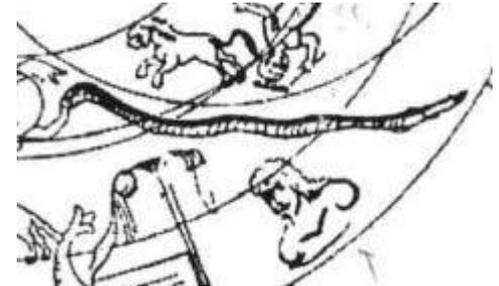
Berlin, Staatsbibl,
Ms lat 130 (Phill 1832)
n.b.— Hydra to right, Crater as pot w/o handles, Corvus facing tail



second Corvus



second Crater



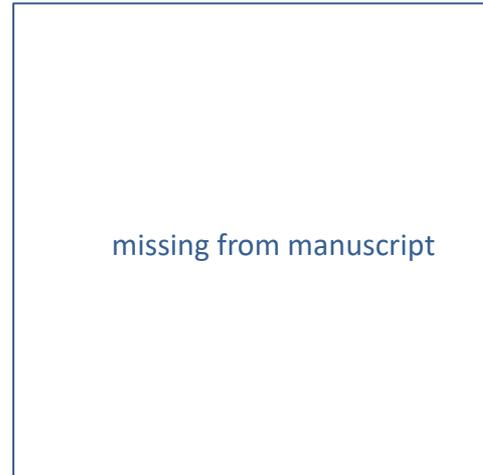
Berlin planisphere
n.b. — Hydra above Eridanus, without Crater or Corvus



Monza, Bib capit
Ms F. 9/176 (246)
similar, but Crater with handles



second Corvus, second Crater



summer hemisphere

1a.



Madrid, Bib Nac
Ms 3307

n.b.— Hydra to right, Crater with handles, Corvus facing tail

second Corvus, second Crater

Ib.



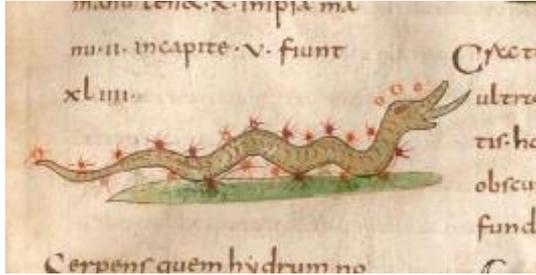
Vatican BAV,
Vat lat 645

n.b.— Hydra to right, Crater w/o handles, Corvus
faces tail



second Corvus, second Crater

II.



Munich, Staatsbibl. Ms clm 210
n.b. – Hydra alone, to right, tongue out



second Corvus



second Crater



planisphere
Corvus facing tail and pecking



Vienna, ONB
Vindob 387
same



III.



Austin TX, Harry Ransom, Univ of Texas, Ms 29

n.b. – three images independently, Corvus drawn twice



Paris BN lat n.a. 1614

n.b. – Hydra to right with 'breath', Crater as chalice, Corvus facing tail



summer hemisphere



St Petersburg, Nat Libr Ms Q v IX, no 2

n.b. – Hydra to left with arrow-tongue, Crater as urn with handles, Corvus faces tail

IV.

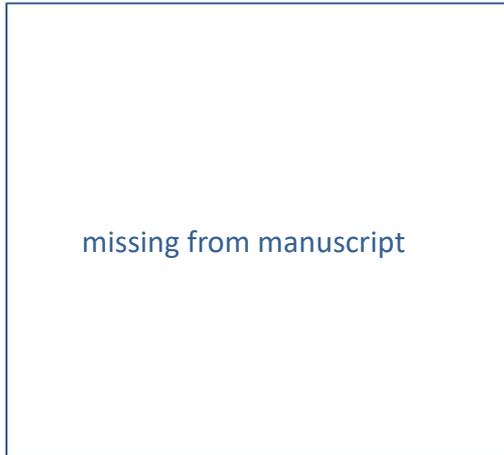


Paris BN
lat 12117

n.b.— Hydra to right with 'breath'; Crater as cup, goose-like
Corvus pecking and facing tail
Also second Crater with handles; second white Corvus

Vatican BAV,
Reg lat 309
similar

V.



Los Angeles, Getty Mus
Ludwig XII, 5

Paris BN,
lat 8663

n.b. – Hydra to left, Crater as chalice; Corvus facing front;
second Crater and Corvus together (drinking)

Singletons



Vienna, ONB
Vindob 12600

n.b. – Hydra to right; Crater as urn with handles, Corvus pecking and facing front

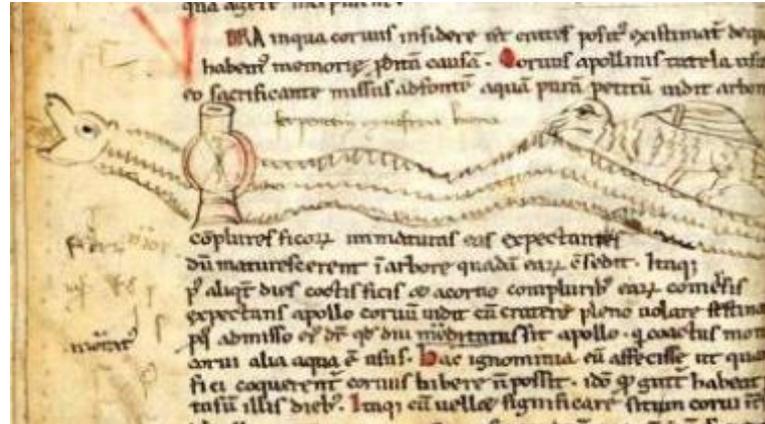


Reykjavik
Ms 1812

1a.

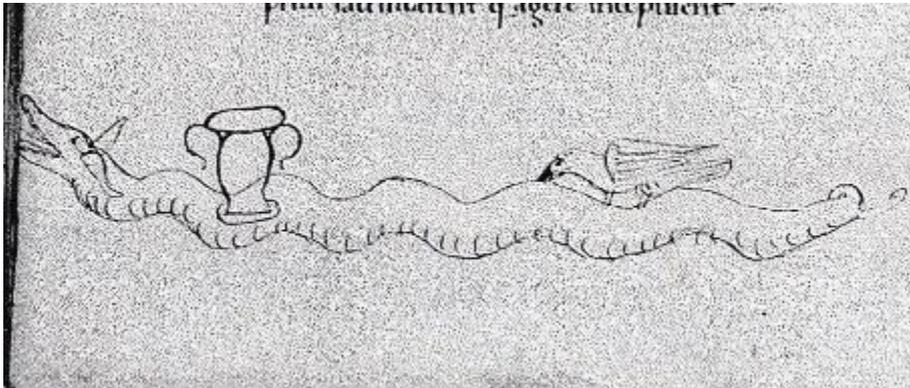


S Paul im Lavantthal
Ms 16/1 (XXV. 4. 20



Florence, Bibl Laurenziana
Ms Plut 29.30

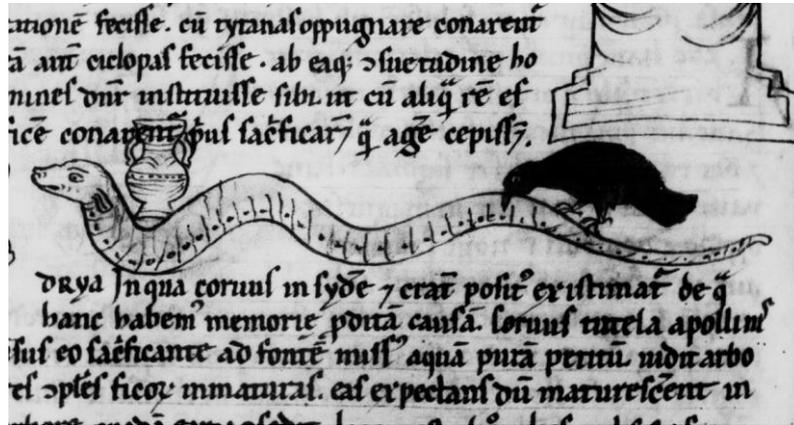
n.b. – Hydra to left, Crater as urn w/o handles, Corvus pecking and facing front



Leiden, Univ-bibl
Voss 8°18

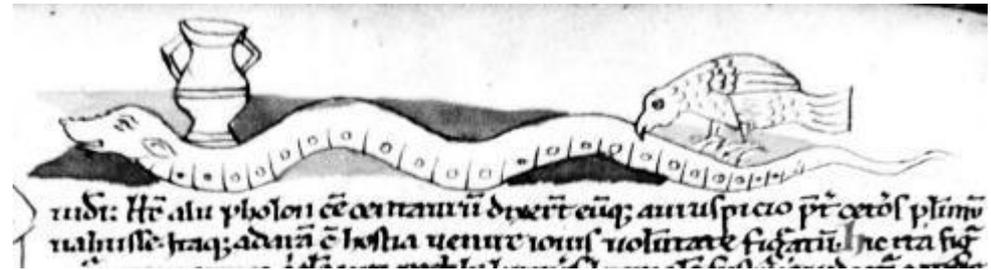
similar, but Hydra with ears and Crater with handles

Ib.



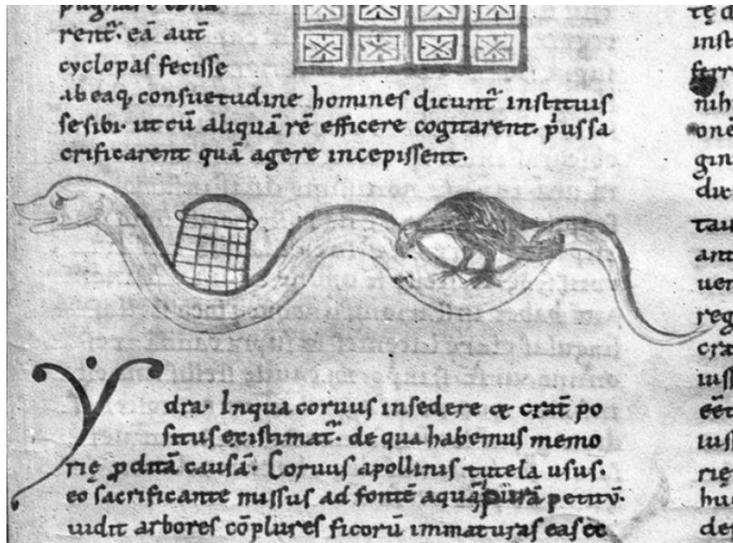
Wolfenbüttel, Herz Aug
 Ms 18. 16. Aug 4°

n.b. – similar, but Crater with handles on neck



London BL
 Arundel 339
 same

Ic. (singleton)



Vienna ONB
Vindob 51

similar – Hydra to left, Crater as bucket, Corvus pecking and facing front

II. (singleton)



Leiden Univ-bibl
Voss lat 4° 92

similar but Hydra to left with tongue out and huge belly; Crater diamond-shaped; Corvus facing front

III.



Leiden Univ-bibl
Voss lat 8° 15

similar, but Hydra to left with raised head and beard; Crater with handles; Corvus pecking and facing front



Vatican BAV
Reg lat 123

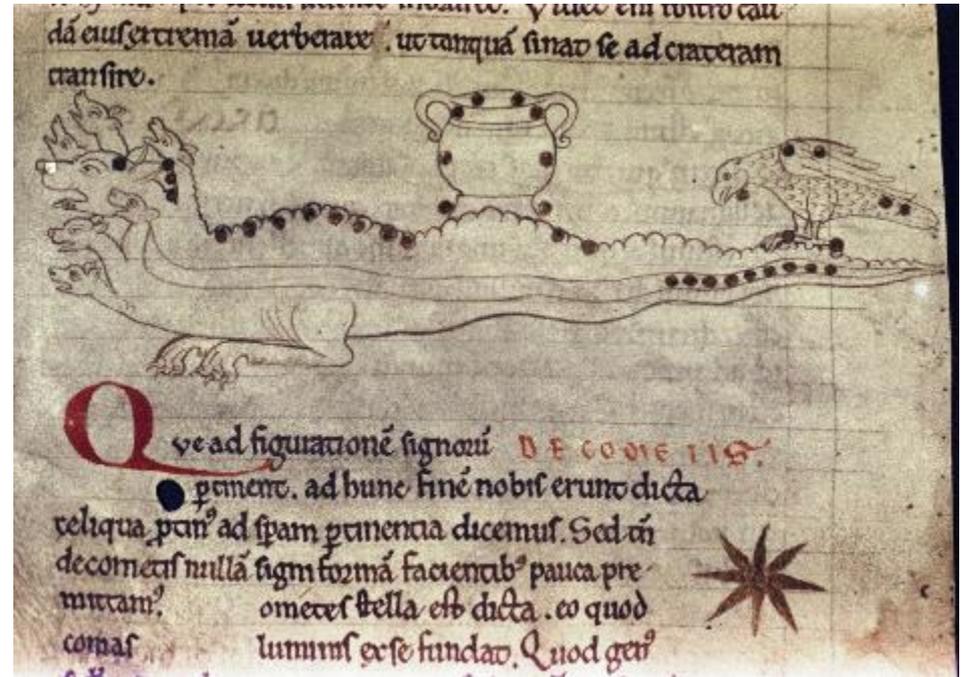
similar, but Hydra w/o beard; Crater more elegant; Corvus with wings raised



planisphere

n.b.. – Hydra to right, Crater w/o handles; Corvus pecking and facing tail

IV.

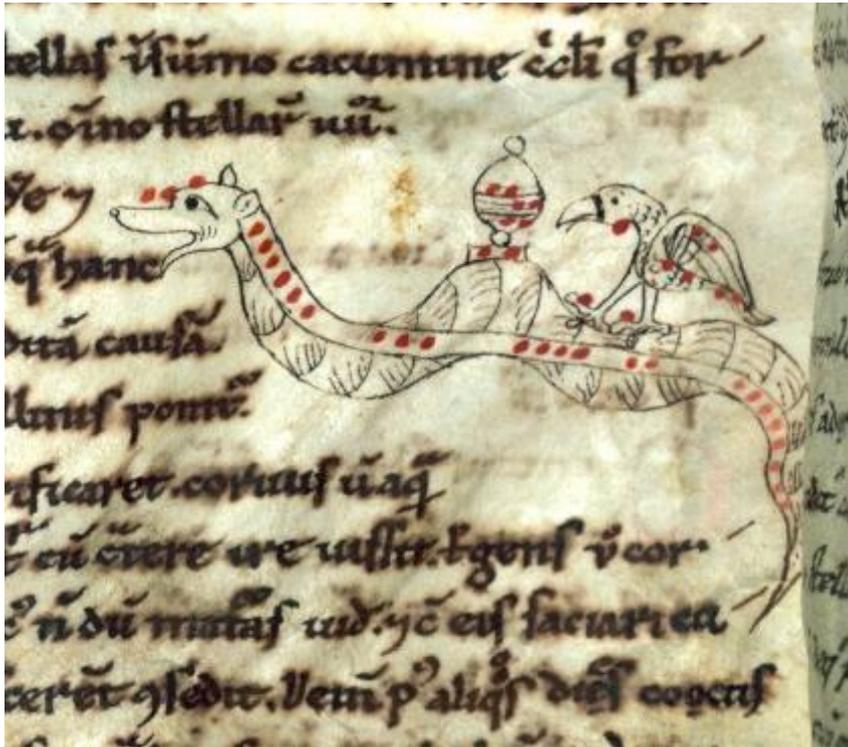


Oxford, Bodleian Libr
Bodley 614

Oxford, Bodleian Libr
Digby 83 (SC 1684)

n.b. – Hydra as 7-headed to left, Crater as pot with handles; Corvus facing front

V. (singleton)



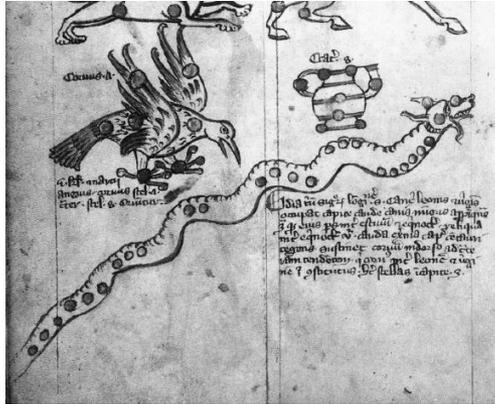
Baltimore, Walters Art Gallery

Ms 734

n.b. – Hydra to left with dropped tail; Crater as orblike vessel;
Corvus facing front and not pecking

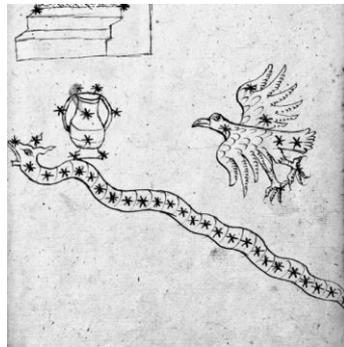
Hyginus

VI. (singleton)



Berlin, Staatsbibl.
Ms 8° 44 (Rose 962)

n.b. – Hydra to right with beard and ears, Crater with handles and Corvus flies forward



Munich, Staatsbibl
Clm 59

similar to Berlin, but reversed

VI- related: German Star Books ('secundum Hyginum')

Corvus

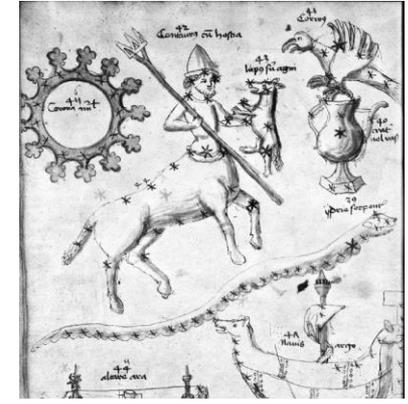


Lyon, Bib mun, Pal des
Arts 45



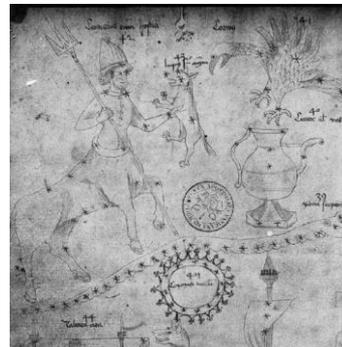
Lyon, Bib mun
Ms 172

similar, but reversed;
Crater with spout



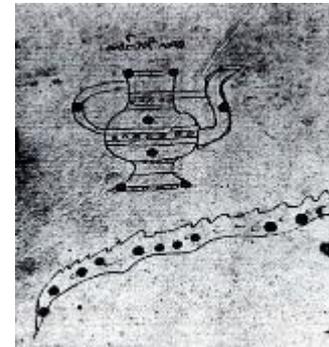
Munich, Staatsbibl
Germ 595

Three separate constells; Crater with spout; Corvus flying



Vatican BAV
Pal.lat. 1369

like Munich 595



Vatican BAV
Pal.lat. 1389

Crater with spout; Corvus missing



Wolfenbüttel Herz Aug
Guelf 81 24 Aug 2

Crater as castle; Corvus separate

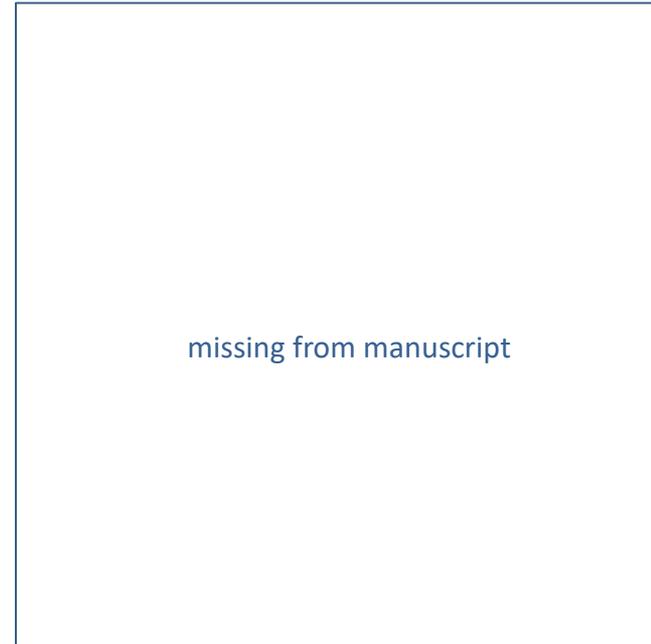
VII. (singleton)



London BL,
Roy Ms 13. A. XI

n.b. – Hydra with dragon's face, raised head and dipped tail, fat tummy; 2 Craters; Corvus in middle and pecking, facing front

VIII. (singleton)

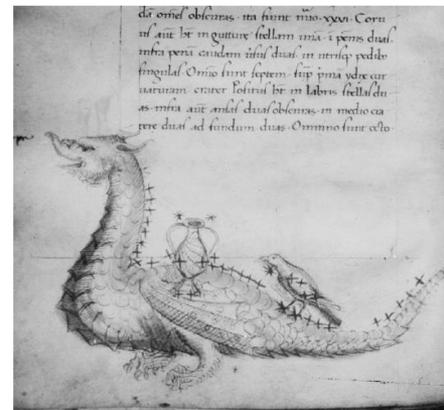
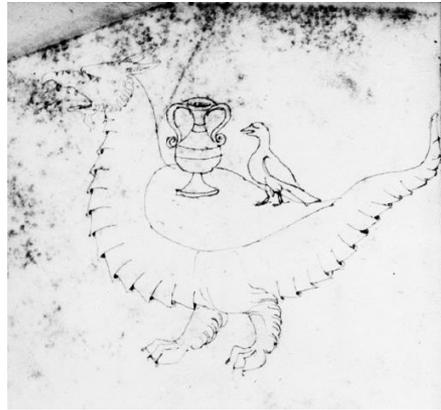
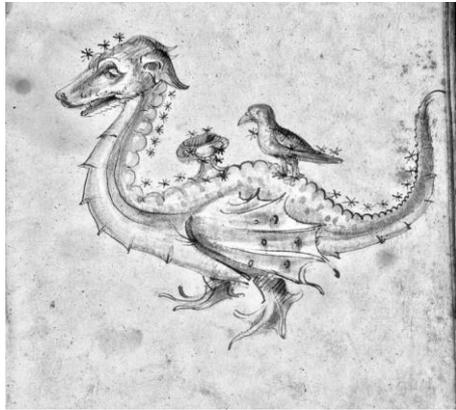


Munich, Staatsbibl.
Clm 10270

Hyginus

Corvus

IXa.



Cambridge, Fitzwilliam Mus
Ms 260
n.b. – Hydra as 2-legged dragon
facing left, Crater as cup with
handles; Corvus faces front

Florence, BN
Magl XI. 141
similar, but Crater more like urn

Milan, Bibl. Ambrosiana
T. 47 sup
similar

Oxford, Bodleian Libr
Can. class lat 179
similar



Siena, Bib com
Ms L. VI. 25
similar

Vatican, BAV
Vat lat 3109
missing Crater and Corvus

Vatican, BAV
Vat lat 3109
missing Crater and Corvus

Verona, Bibl capitolare
Ms CCLXI
similar

Hyginus

IXb.



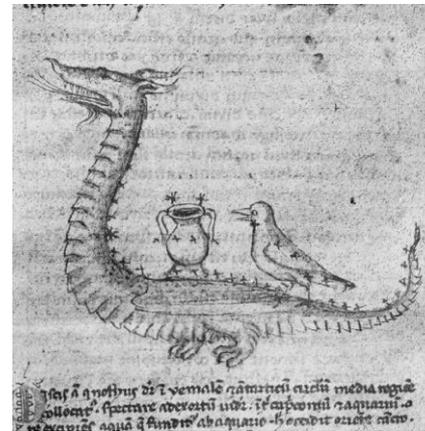
Oxford, Bodleian Library
Can misc 46
same, Crater as urn with
handles, Corvus faces front

Corvus

IXc.



Milan, Bibl Trivulziana
N. 690 (E 83)
same



Vatican, BAV
Vat lat 3110
similar

missing from manuscript

Florence, BNC
Magl XI. 114,1

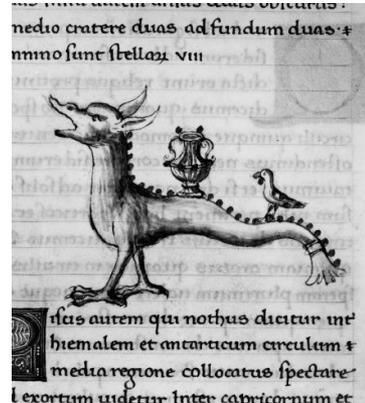
IXd. (distant singleton)

IXe.



Florence, Bibl Laurenziana
Ashburnam 1148

n.b. – Hydra to left w/ head raised and long ears, Crater w/handles, Corvus faces front



Pavia, Bibl Univ
Aldini 490

n.b. – Hydra with 2 bird's feet



Vatican., BAV
Urb lat 1358

same

IXf.

IXg.



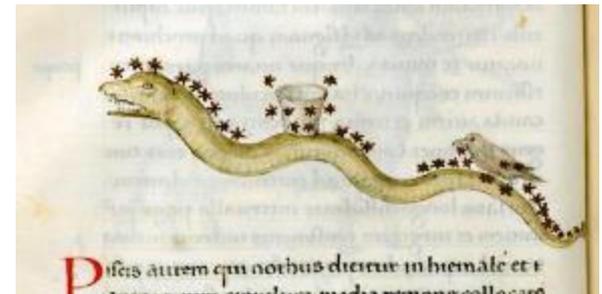
New York, Public Library
Spencer Ms 28

n.b. – Hydra w/curls, long ears; Crater w/handles; Corvus pecks and faces front



Freiberg, Andreas-Möller-Bibl.
Cl XI 4o 9

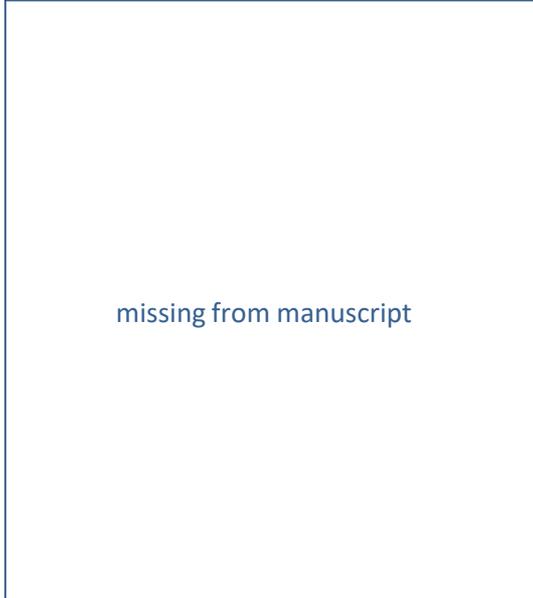
same



Florence, Bib Laurenziana
Plut 89, sup 43

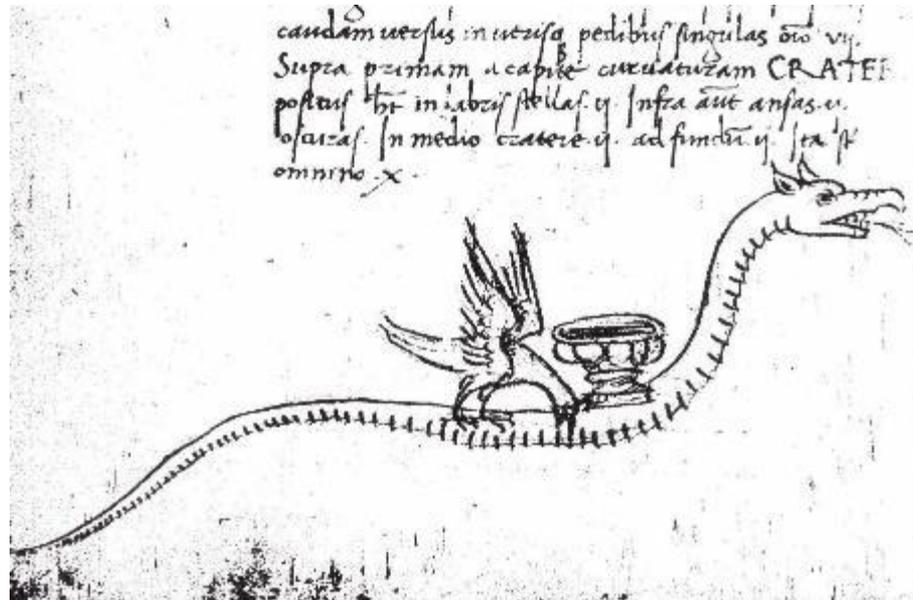
n.b. – Hydra as snake; Crater as cup; Corvus facing front

X. (singleton)



Vatican, BAV
Chigi H. IV. 20

XI. (singleton)



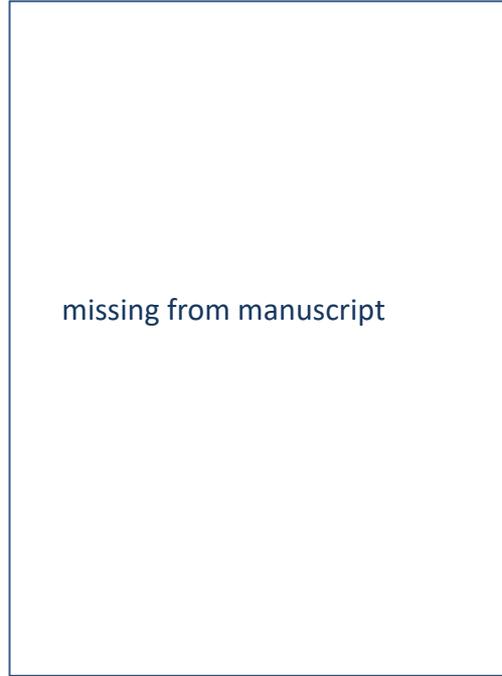
Cortona, Lib del Comune
Ms 184 (256)

n.b. – Hydra as snake to right with pointed ears and tongue out; Crater as bowl, Corvus pecking and facing front

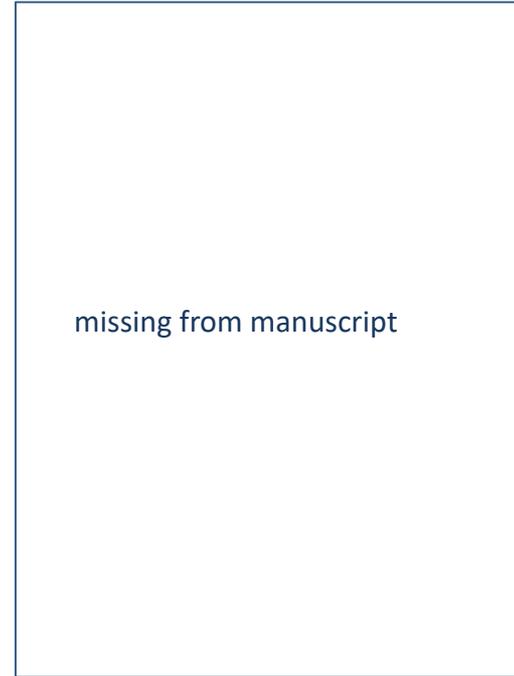


Cambrai, Bibl Mun.
Ms 933 (832)

n.b. – Hydra as winged dragon to left,
Crater as urn with handles, Corvus
facing front



Cambridge, Trinity College
Ms R 15 32



Leiden, Univ.-bibl.
Gronovius 21

Venice: Ratdolt, 1482



cf Michael Scot = Hydra climbing up a tree; Crater as cup with handled, Corvus facing forward

Vienna ÖNB
 Vindob 3111
 same

1a.



Rimini, Cassa di Risparmio
(London Sotheby's sale 1992)

n.b. – Hydra as two-legged dragon facing left;
Crater as vase with handles, Corvus facing front

1b.



Cambridge, CUL
Dd IV 64

similar

11a.



Oxford, Bodleian Libr
Bodley 646

Hydra with curl in neck and in tail



Parma, Bib Palatina,
Parm 1008

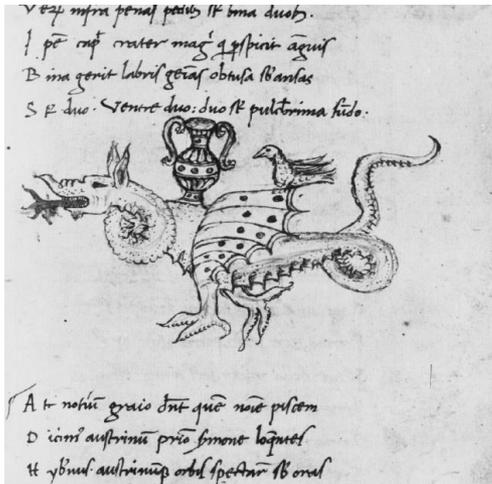
same



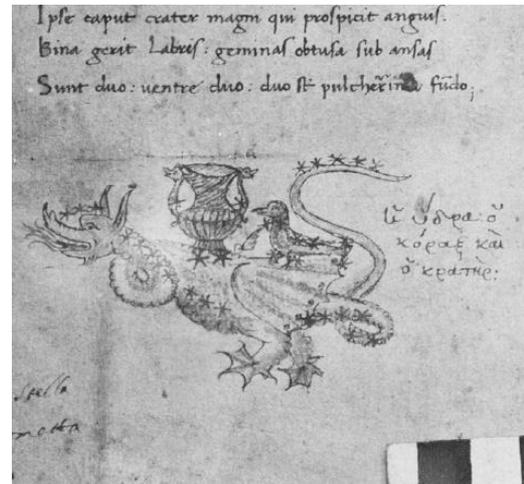
Venice, Bibl Marciana
XII, 194 (4148)

same

Ilb.



Parma, Bibl Palatina
 Parm 27
 same as Hyginus Ilb



Rome Bibl Casanatense
 Ms 4059
 same, label in Greek



Munich, BSB
 Clm 15743
 same

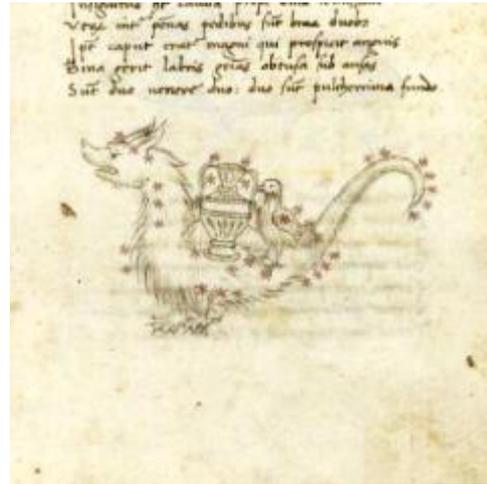
III.



Bologna, Bibl Com
Ms 173

n.b. – Hydra as 2-legged dragon with smooth tail;
Crater as urn w/handles; Corvus facing forward

IV.



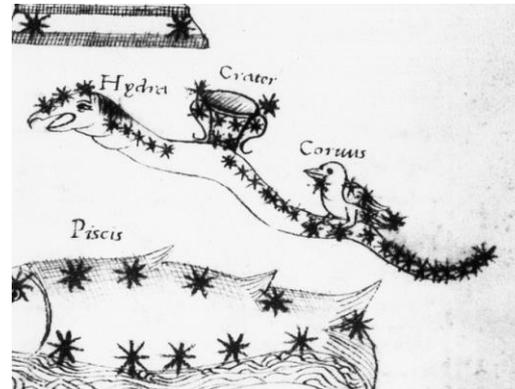
London, Wellcome Coll
WMS 122
same

V.



Ravenna, Bib Classense
Ms 120

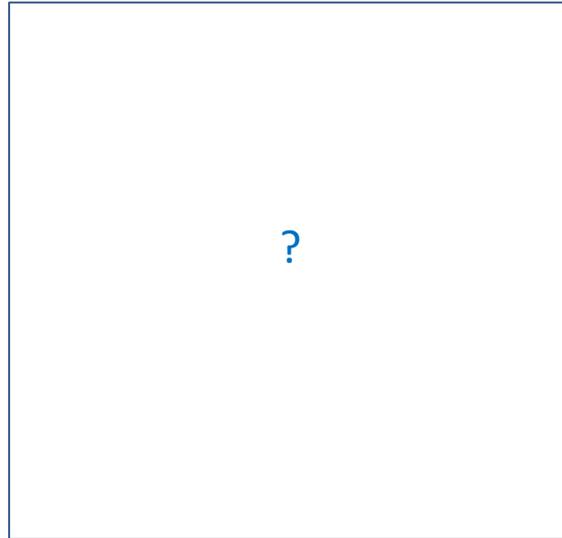
VI.



Florence, Bibl Marucelliana
Ms C. CCLI
n.b. – Michael Scot infl., w/o tree



Krakow,
Rps BJ 3706



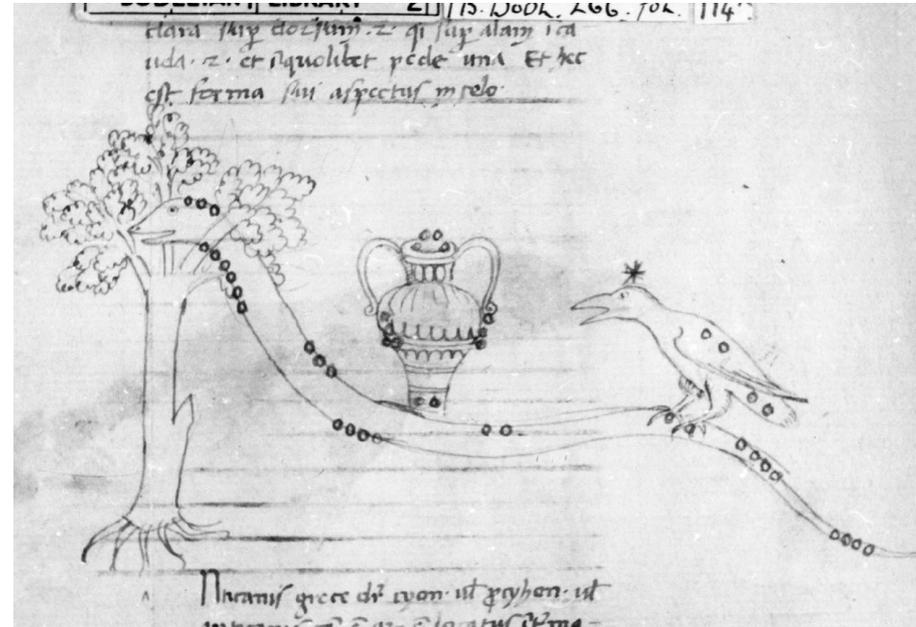
Padua, Bibl. Universitaria
Cod 983

N Italian Group – Ia.



Munich, Staatsbibl
Clm 10268

n.b. – Hydra as snake facing left with head in a tree; Crater as urn w/ 2 handles; Corvus facing front

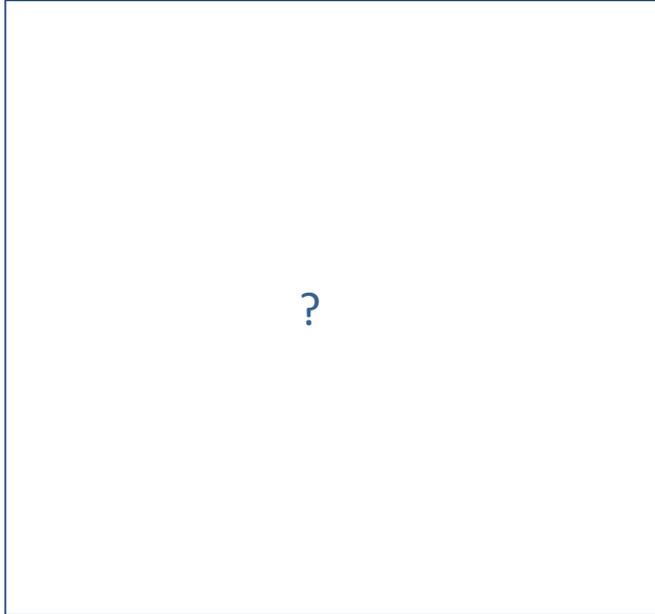


Oxford, Bodleian Libr
Bodley Ms 266

same – but Corvus is white

Serpens, qui alio nomine dicitur Ydra, super cuius caudam Corvus moratur aspiciendo Urnam, que est in medio Ydre, locate inter Navem et Centaurum, Virginem et Libram. (ed ACKERMANN 2009, p. 240).

N Italian Group – Ib.

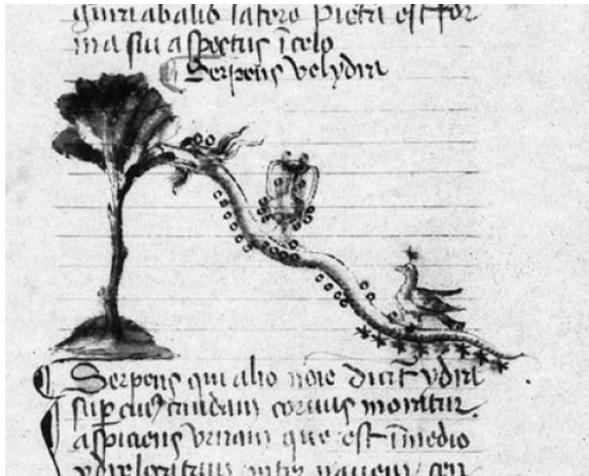


Vatican, BAV
Vat lat 4087 A

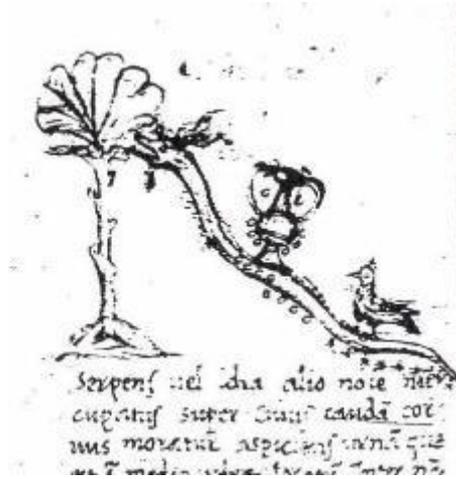


St Petersburg, Nat Libr
Ms lat F V IX, no. 1
same, with white Corvus

Venetian Group – IIa.

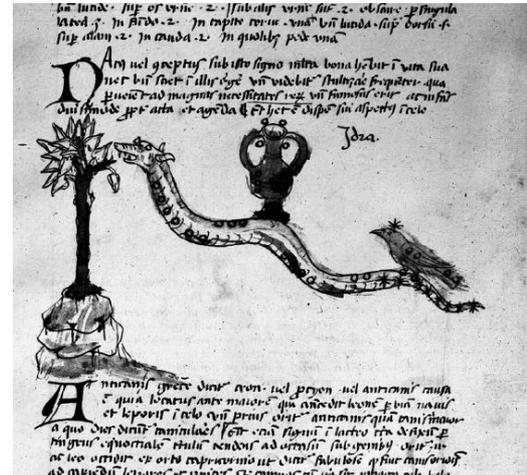


London BL
Add 41600
same



London, Wellcome Coll
Ms 509
same

Venetian Group – IIb.



Milan, Ambrosiana
Ms I 90 sup
same

Bohemian Group – IIIa.



Vienna, ONB
Vindob 2352

n.b. – Hydra as snake in tree; Crater as urn, Corvus black and facing front

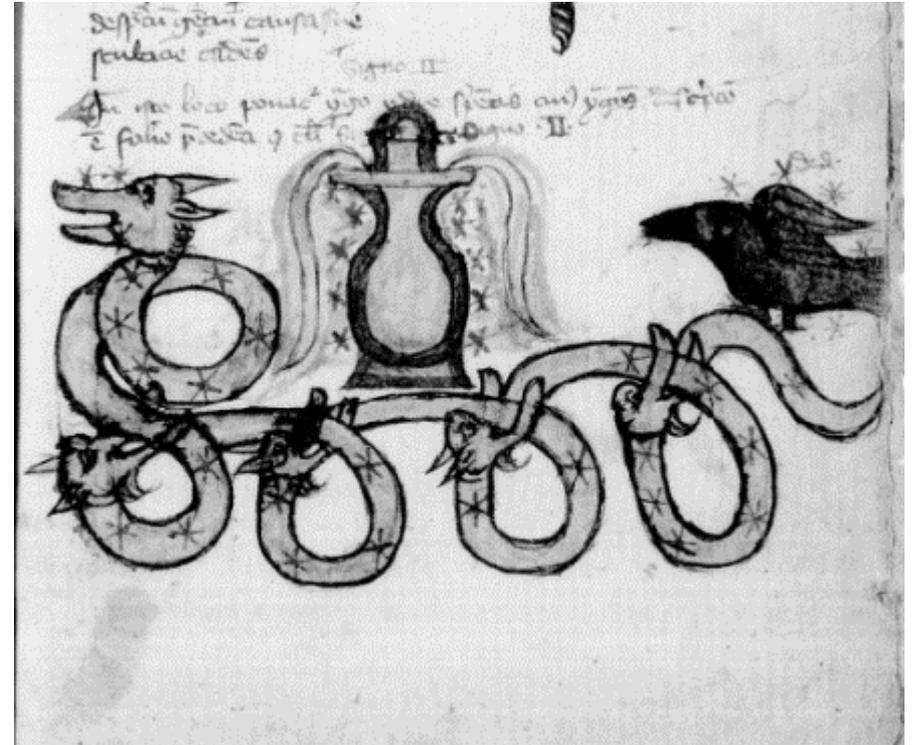


Vienna, ONB
Vindob 2378

similar, Corvus reaches upwards

Bohemian – IIIa.

Bohemian – IIIb.



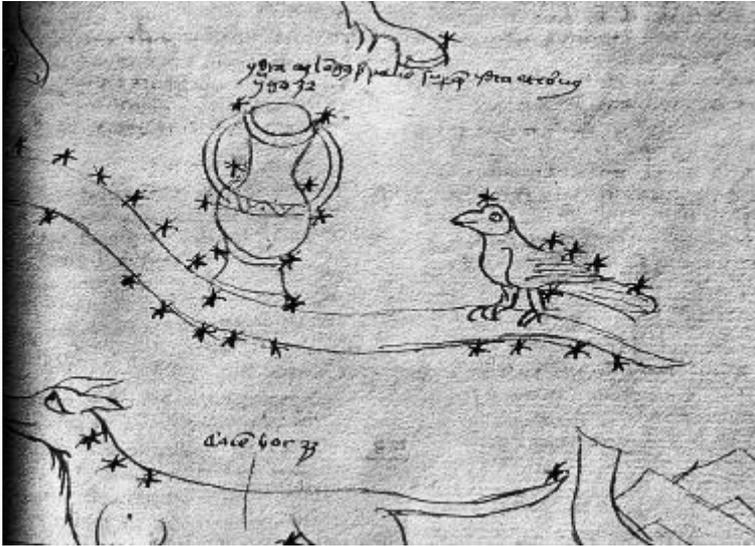
Prague NK,
Ms III. C. 2

n.b. – Hydra in same position, but tree is missing, with long ears; Corvus pecking an facing forward

Paris BN
lat 7408A

n.b. – Hydra as fantastic snake with 4 extra heads biting body; Crater as flowing urn; Corvus faces front

Bohemian – IIIc.



Vienna, ONB
Vindob 5442

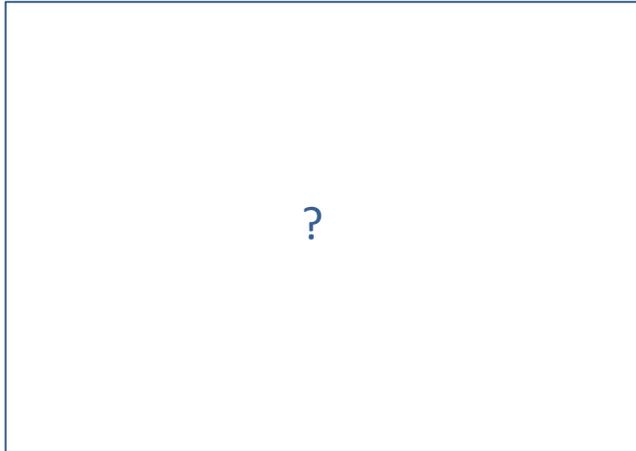
n.b. – Hydra as snake going to the left; Crater as urn with handles; Corvus faces forward

Bohemian – III d.



only zodiac signs

Cambridge, MA
Harvard, Houghton
Libr., Typ 43



Edinburgh, Royal Observatory
Ms Cr 3. 23

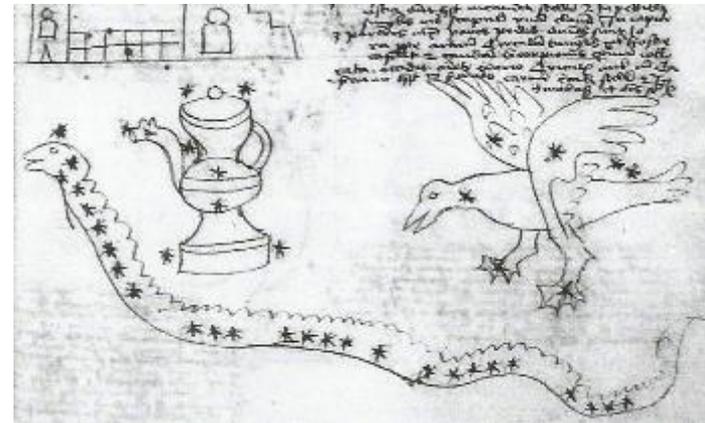


Florence, BNC
Magl. XXII, 22



Klosterneuburg, Augustiner Ch-Stift,
Ms CCI 125

n.b. – Hydra as snake with a series of curls to the right through a set of trees; Crater as a wooden bucket; Corvus faces front with wings outspread



Krakow, Bibl Jagiellonska
Rps 573

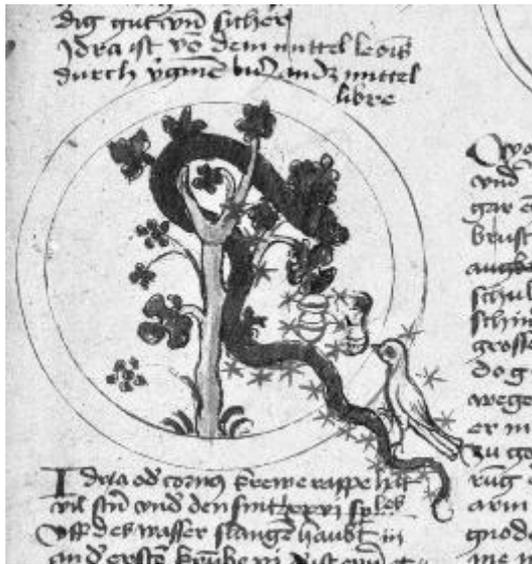
n.b. – Hydra as snake, Crater suspended and with animal-headed spout; Corvus flying (cf: Berlin Hyginus and 'secundum Hyginus' mss)



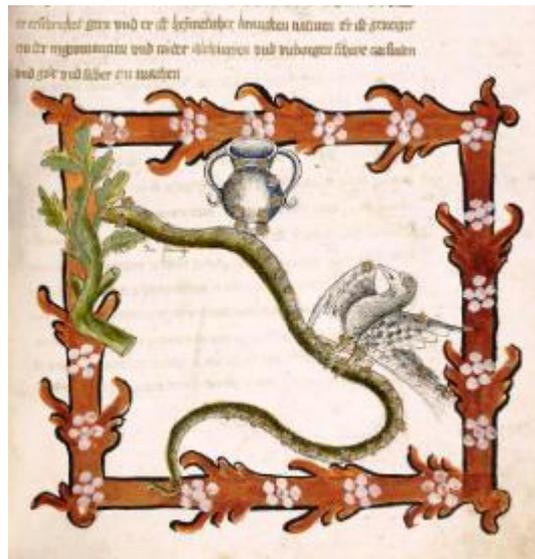
Prague, Narodni Knihova
 Ms XXXVI A 3
 n.b. — Hydra as snake facing left with head in tree; Crater as pitcher w/ one handle; Corvus faces front



Seville, Bibl Columbina
 Ms. 7.7.1
 n.b. — Hydra as 2-legged winged dragon; Crater like a censer; white Corvus stands alongside to left



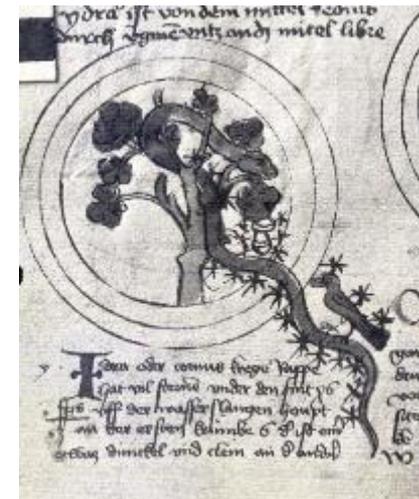
Darmstadt, Hess Hochschulbibl.
 Ms 266
 n.b. – Hydra in tree looking down, 2
 Craters (?) as beaker; white Corvus faces
 forward



Berlin, Staatsbibl
 Ms germ fol 244
 n.b. – Hydra climbing into tree; Crater
 w/2 handles; white Corvus facing forward
 wings raised



Salzburg, Studienbibl
 2 G 8/13
 similar to Darmstadt, but black Corvus



Vatican, BAV
 Pal lat 1370
 similar as Darmstadt, but black Corvus

German mss – IVa.



Paris, BN
Allem 106

n.b. – Hydra in tree, Crater as covered jar on ground with white Corvus

Michael Scot

German mss – IVb.



Tubingen Univ-bibl.

Ms d 2

n.b. – Hydra in dead tree, with Crater as bucket and black Corvus (on Hydra's tail) on ground.



Paranatellonta rota, southern hemisphere



Crater (bucket) and Corvus as children of Jupiter



Hydra as child of Venus

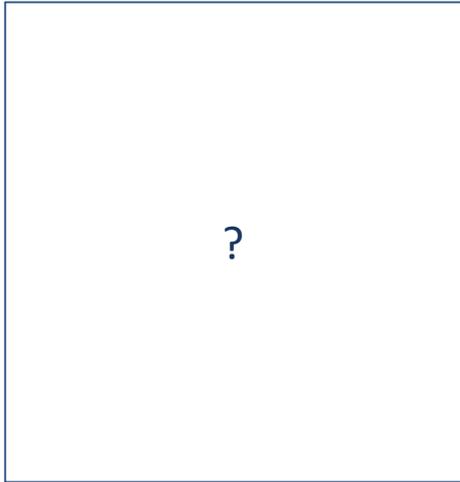
German mss – IVb.



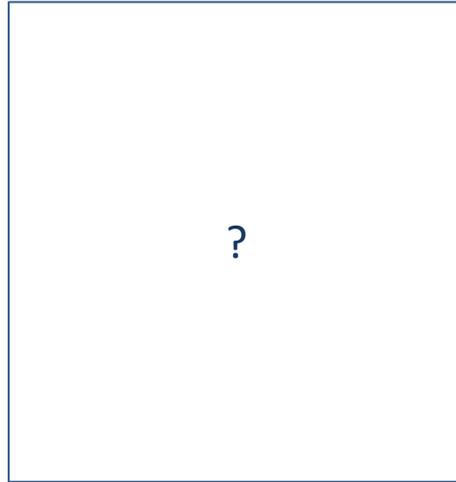
Wolfenbüttel, Herz Aug Bibl

Ms Guelph 29 14 Aug 4°

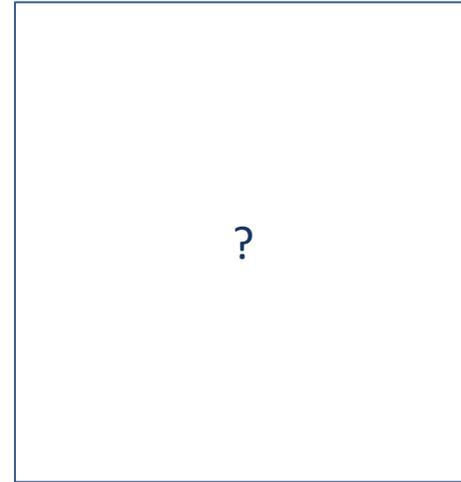
n.b. – Hydra on scaffold, Crater as bucket and black Corvus on (tail) ground



Coburg, Bayerisches Landesbibl.
Ms 5



Edinburgh, Royal Observatory Libr.
Ms Cr 4 6



Freiburg, Univ-bibl.
Ms 458



Heidelberg Univ-bibl.
Pal germ 832

n.b. – Hydra climbing tree, Crater as
bucket, Corvus faces forward



Karlsruhe, Badische Landesbibl.
Ms K 2790



Nürnberg, Germanisches Nationalmus.
Ms 7082

Venice: Ratdolt, 1482

Bartolommeo da Parma



cf. Michael Scot



Cambridge, Emmanuel College Ms 70

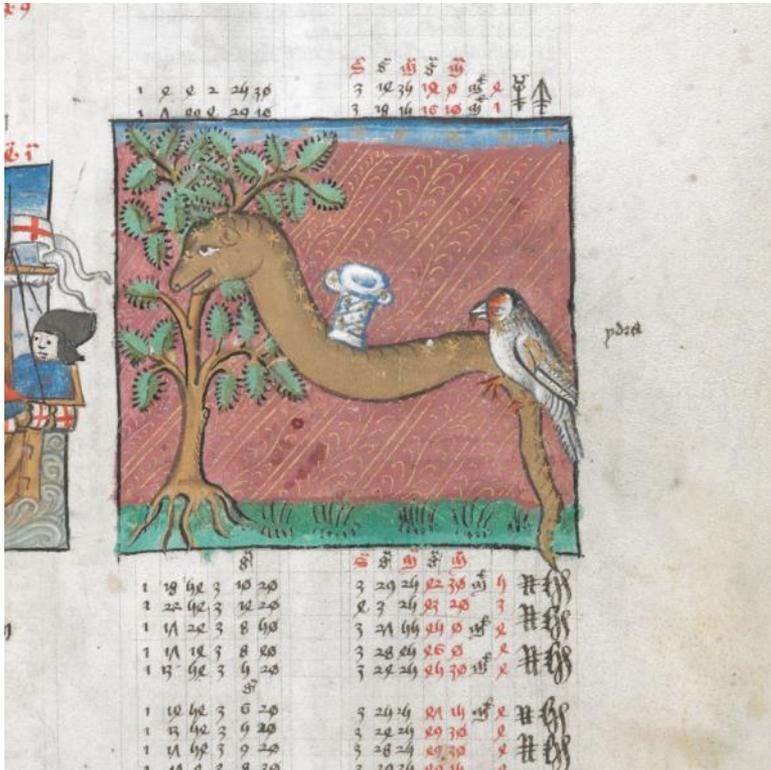
n.b. – Hydra climbing tree, Crater w/ 2 handles; white Corvus facing forward



Metz, Bibl mun Ms 287

n.b. – Hydra flattish, Crater w/ 2 handles; Corvus faces forward

Alfonsine Tables (John Killingworth update)



London, BL

Arundel Ms 66

n.b. – Hydra climbing into tree to left; Crater as majolica jar;

Corvus as a finch with coloured face and wings

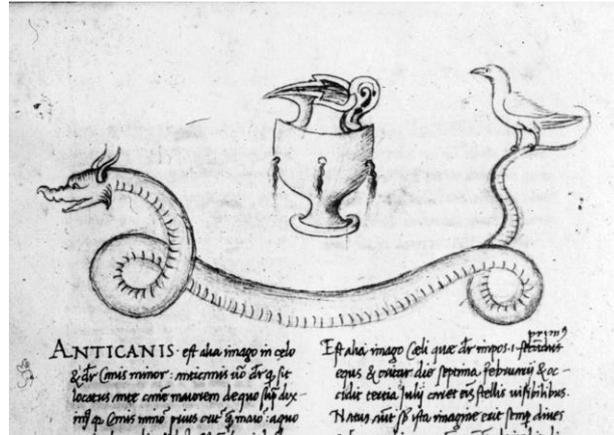
Stellacio corvi ques est super Idram

Ludovicus de Angulo



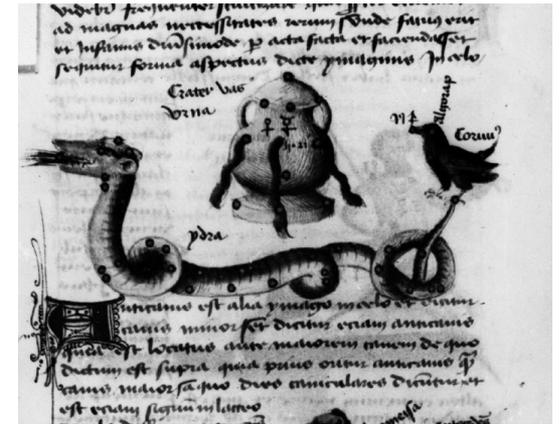
St Gallen, Vadianische Libr
Ms 427

n.b. — Hydra to left with curls in body; Crater as covered jar with 3 water outlets, Corvus faces forward



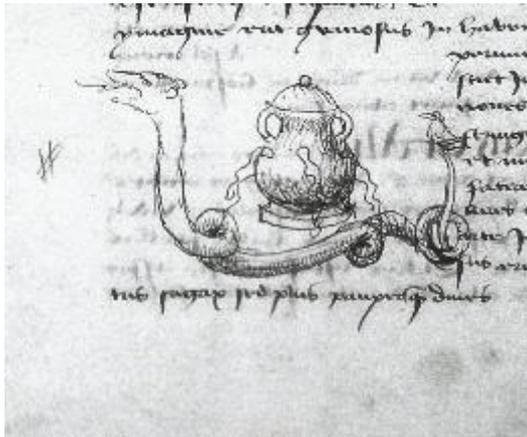
Florence, Bibl. Riccardiana
Ms 3011

similar, but Crater as pitcher and Corvus is white



Madrid, BN
Ms 9267

same as St Gallen



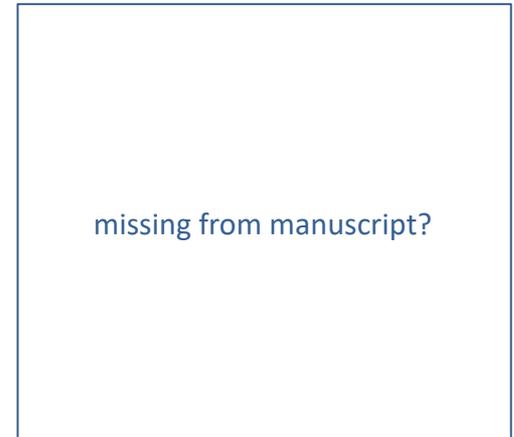
Paris BN
Lat 6561

n.b. – Hydra to left with curls in body; Crater as covered jar with 3 water outlets, Corvus faces forward



Paris BN
Fr 612

similar, Hydra w/ legs; Crater lacks water; Corvus in air

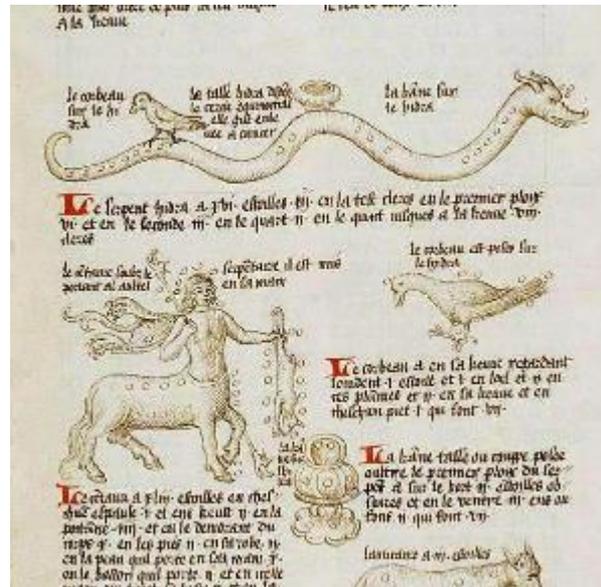


Paris BN
Lat 7344



Hague
Ms 72.A.83

n.b. – Hydra as snake to right with horns,
Crater as cup, Corvus faces tail
second Corvus, second Crater below

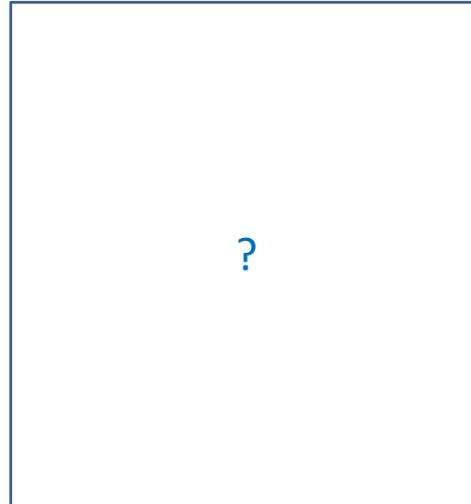


Hague
Ms 128 C
same



Paris, BN
Lat 8865

similar, but Hydra with curls in tail and
lifted head; Corvus black



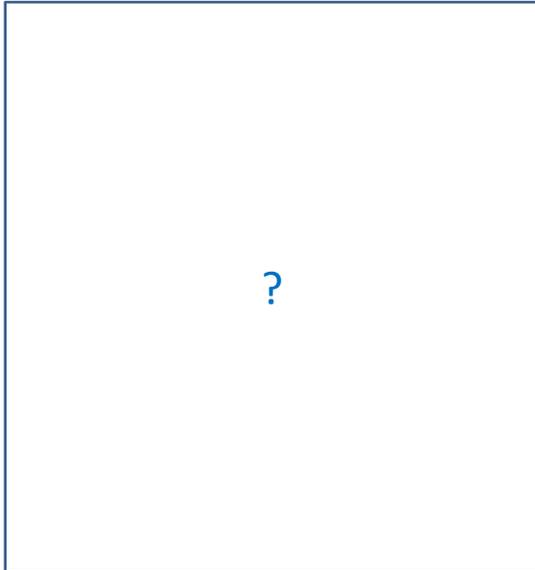
Chantilly, Petit Château
Ms 724 (1596)

n.b. – Crater as 3-legged pot; Corvus
faces tail
Second Corvus on back of CMi;
second Crater

Leiden, Univ-bibl
Ms 1° 31

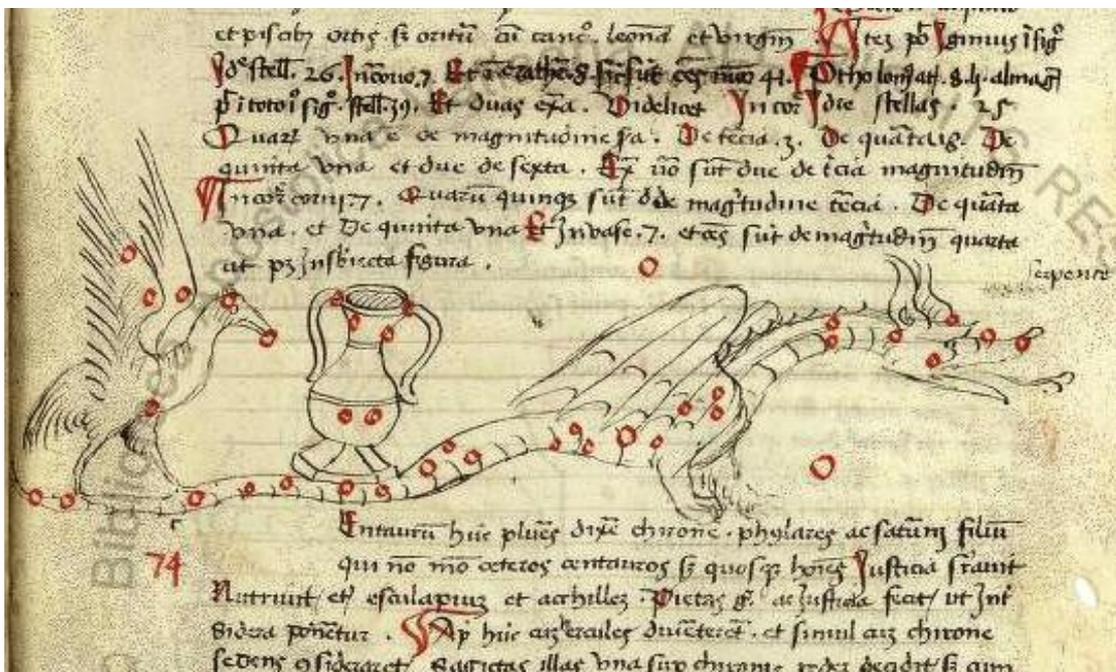
Ghent
Ms 92

similar group picture
second Corvus, second Crater



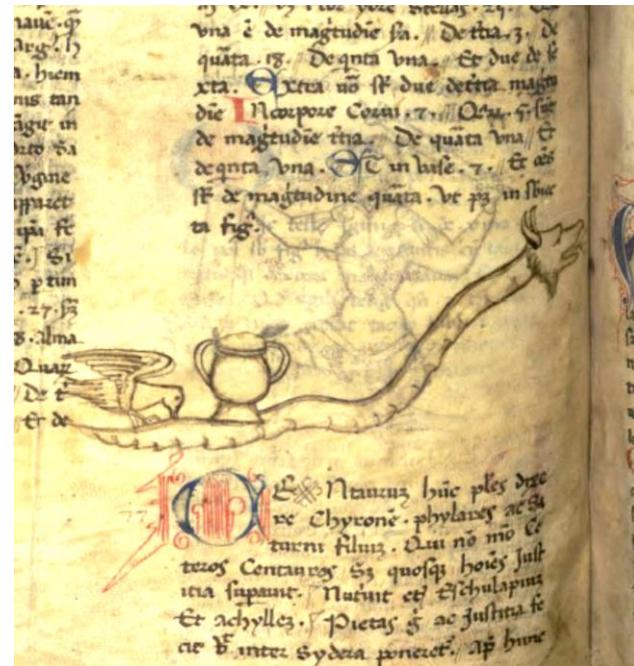
Paris, BN
Lat 9675

Wolfenbüttel, WDB,
Ms Gud lat 1
same



Vatican BAV
 Val Lat 3121

n.b. – Hydra as 2-legged dragon facing to right; Crater as vase with 2 handles; Corvus
 faces front with wings open



Madrid, BN
 Ms 1983

n.b. – Hydra as snake with raised dragon's head,
 head, Crater w/ 2 handles; Corvus pecking and
 facing forward



Fermo, Bibl. Com.
Ms 4

Florence, Bibl. Laurenziana
Aedil 170

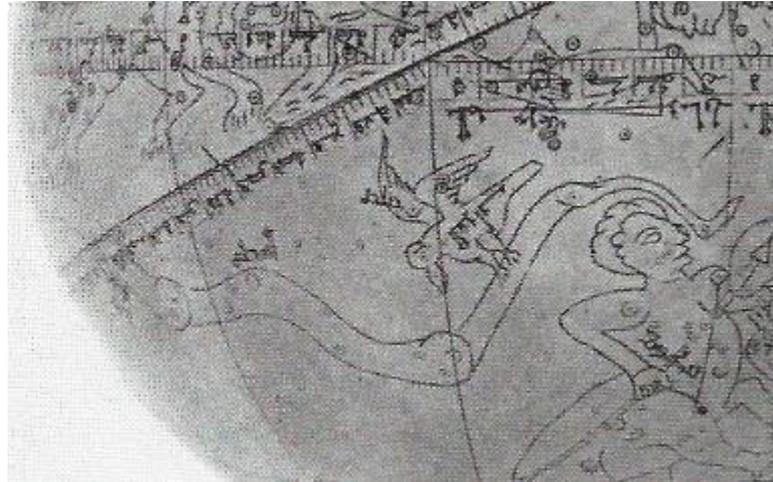
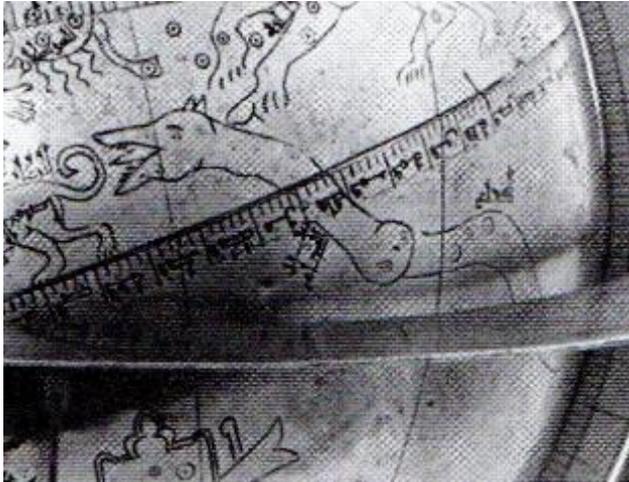
n.b. – Hydra as snake with raised dragon's head and U-shaped body; Crater w/ 2 handles; Corvus pecking and facing forward

London, Lambeth Palace
Ms 35

n.b. – heavily knotted Hydra as snake; Crater as chalice; Corvus pecking and facing front

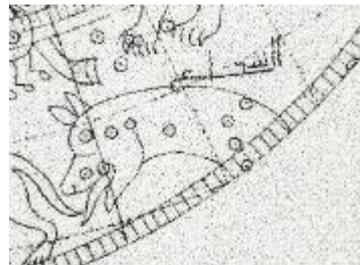
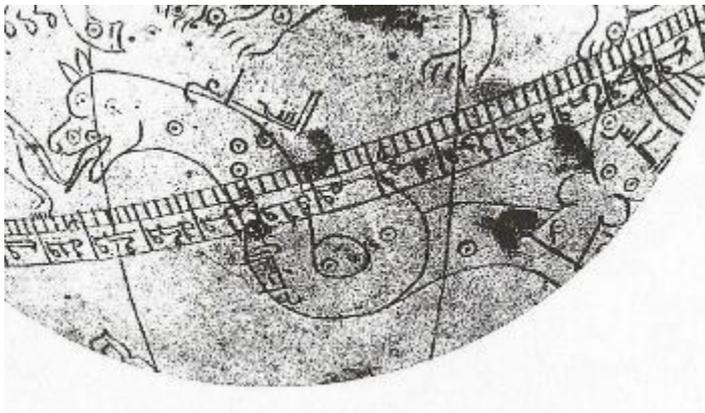
Eastern Globes

Corvus



Florence, Mus delle Scienze, no. 2712
dated 1025 AD

n.b. – Hydra as snake facing left w/ ears , curl in body; no Crater; Corvus faces front w/ wings open

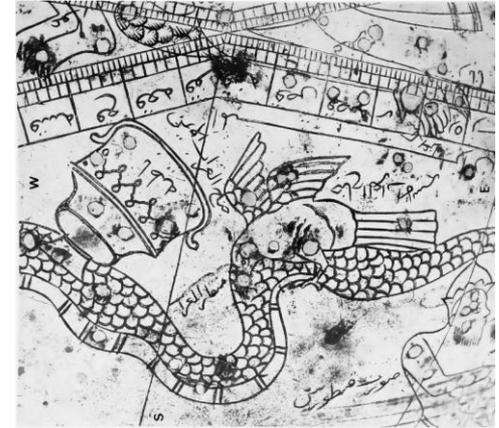
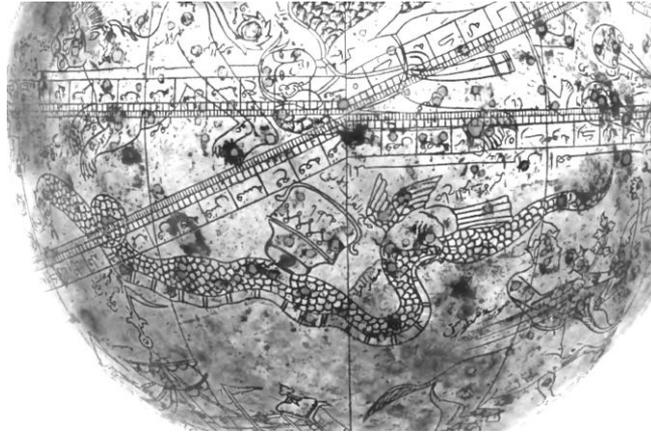
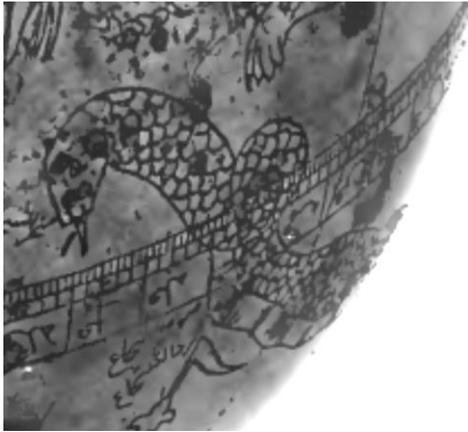


Paris globe GA 325

n.b. – Hydra as snake w/ ears, 2 curls in body; Crater as cup; Corvus faces front w/ wings open

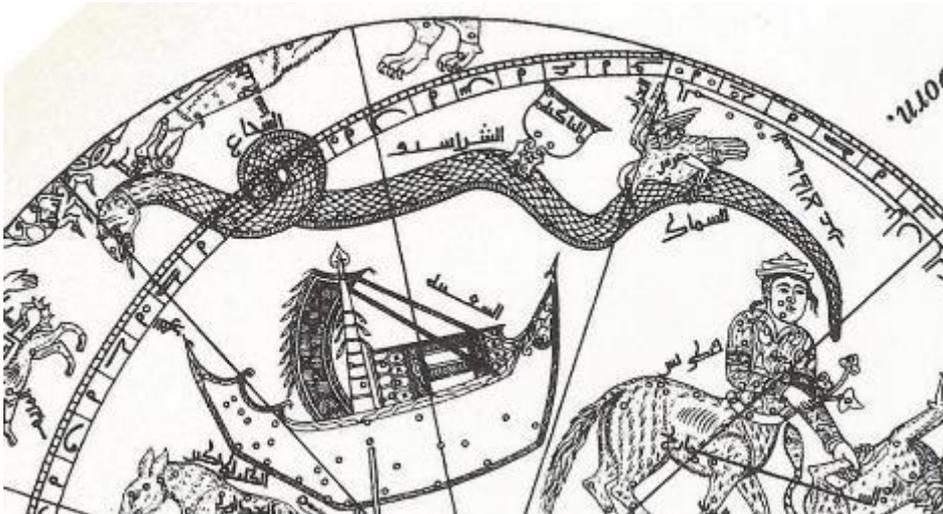
Eastern Globes

Corvus

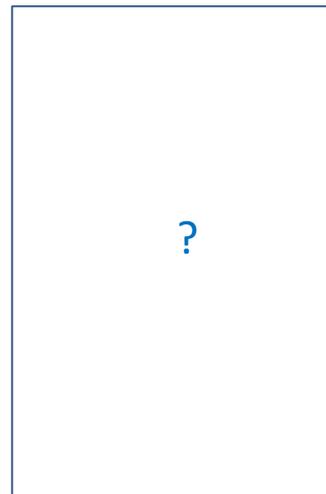
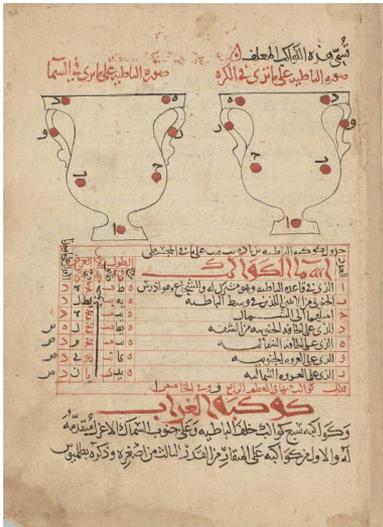
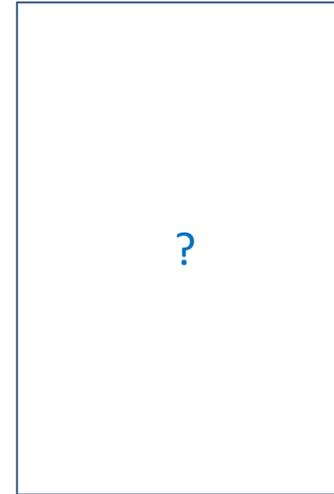
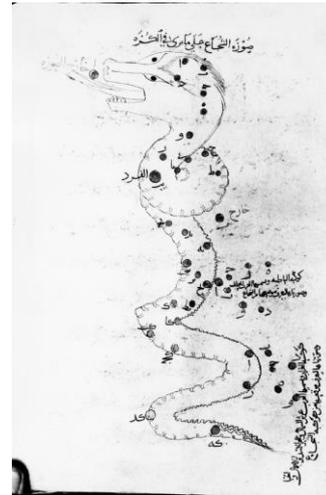
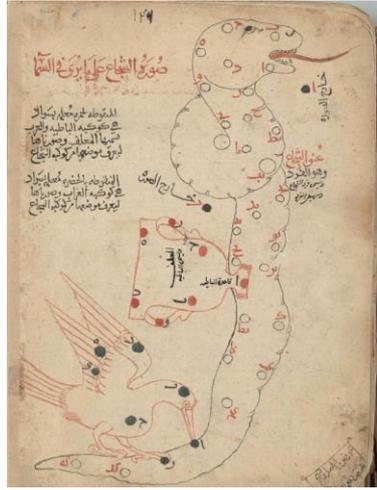
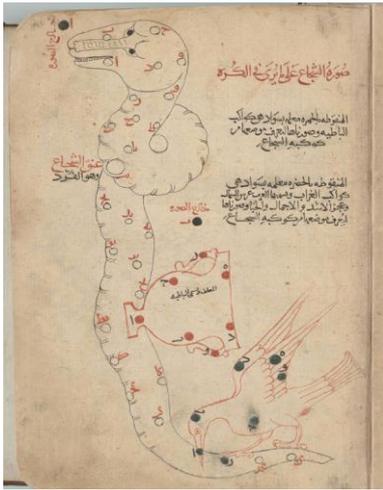


Smithsonian Mus, no 72-3085
Cf: Savage-Smith 1985

n.b. – Hydra as snake facing left, curl in body; Crater as cup (?); Corvus pecking and faces front w/ wings open



BM – Malcolm globe
similar



Doha, Mus of Islamic Art
 Ms 2. 1998. SO (= Sotheby's 1998, lot 34)

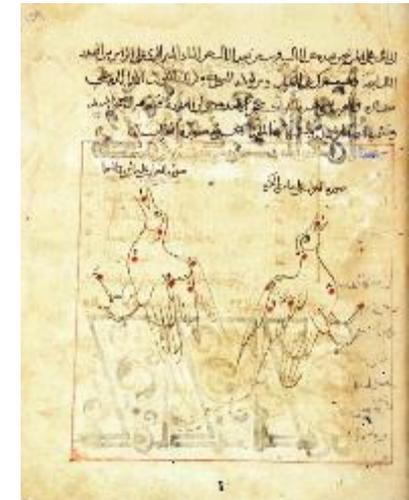
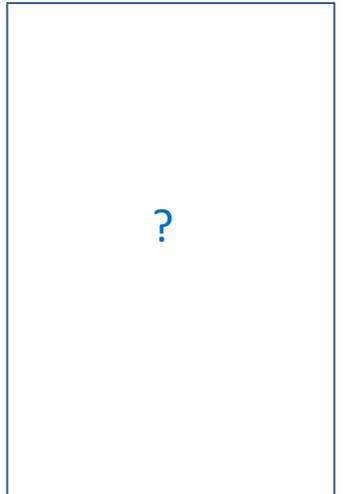
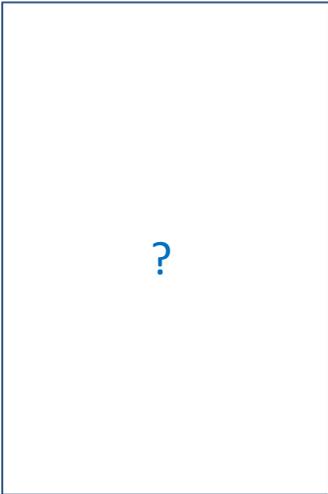
Dated April 1125 AD; Baghdād

n.b. – Hydra with curl, Crater as urn w/ 2 handles; Corvus pecking and wings open

Istanbul, Süleymaniye Libr
 Ms Fatih Kütüphanesi 3422

1125/26 AD; Mārdin

similar

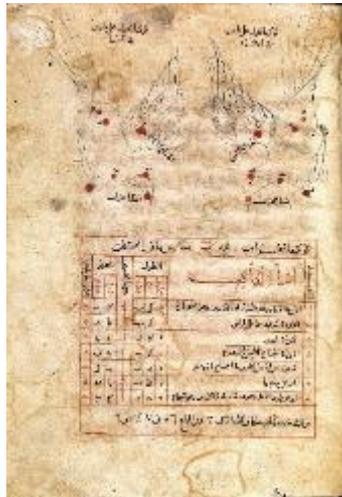


Istanbul, Topkapī Sarayī
Ahmet II 3493
1130-31 AD, Mayyafariqin, SE Turkey
similar, Hydra w/curl; Crater as cup

Oxford, Bodleian Libr
Huntington Ms 212
1170/71 AD; Mosul
similar



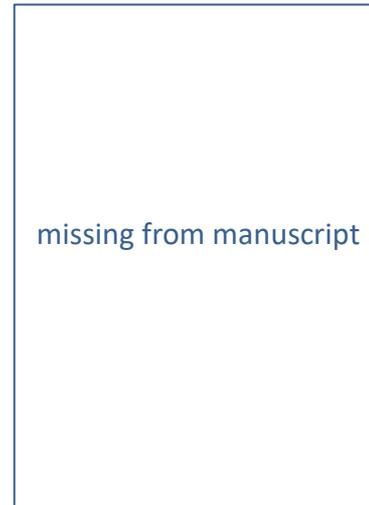
missing from manuscript



missing from manuscript

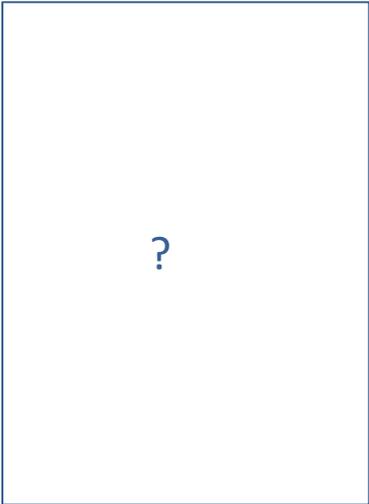
Oxford, Bodleian Libr
Ms Marsh 144
1009-1010 AD; Shiraz (?), Iran
similar

Berlin, Staatsbibl.
Ms qu or 704
c. 1203

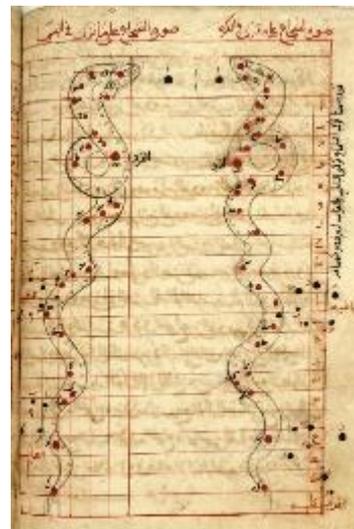


Vatican, BAV
Ross 1033
1224 AD, Ceuta (?) N Africa
similar

Berlin, Staatsbibl.
Landberg 71
Aug/Sept 1233; Mosul
similar

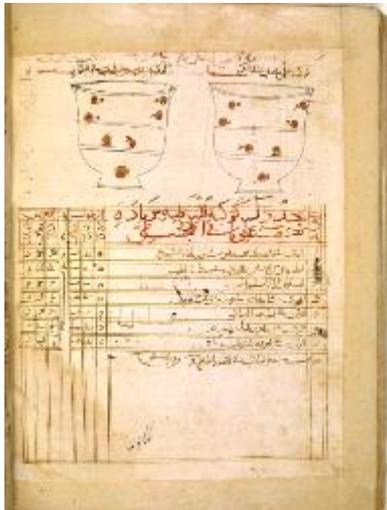
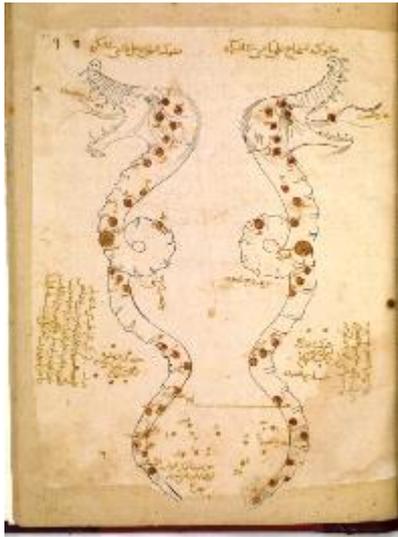


Istanbul, Suleymanie Libr
Ayasofia 2595
1249-50 AD; Alamut (?) Iran
similar



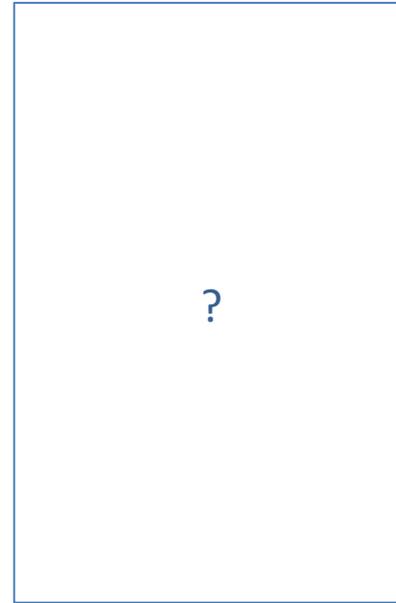
Paris BN
Arabe 2488
mid-13th C, Ceuta (?) N Africa
n.b. – similar, Crater as 2-handled urn

Paris BN
Arabe 2489
1266-67 AD; Syria?
n.b. – Hydra's head from top; Crater as 2-handled urn;
Corvus pecking w/ wings open

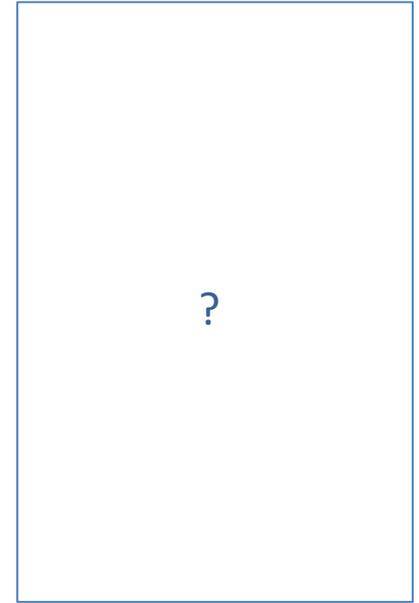


London BL
Or 5323
1260-80; Maragha (?), NW Iran

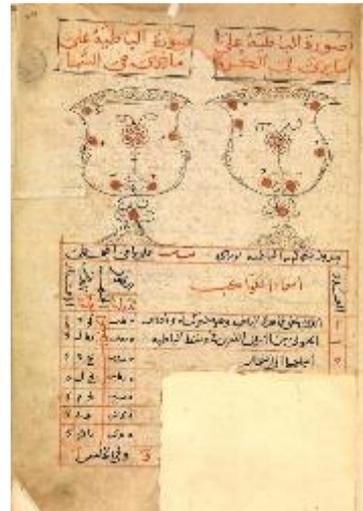
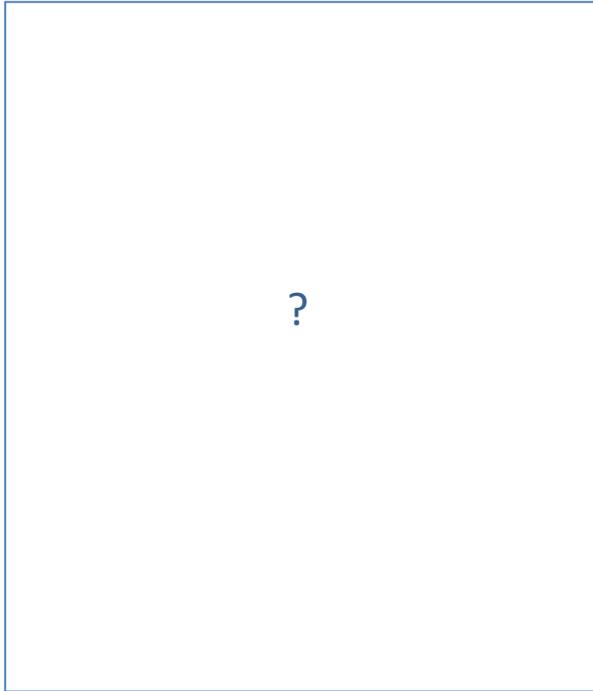
n.b. – Hydra with dragon's head; Crater as banded cup



Cairo, National Libr
Ms Dar al-Kutub miqāt 390
1300 AD

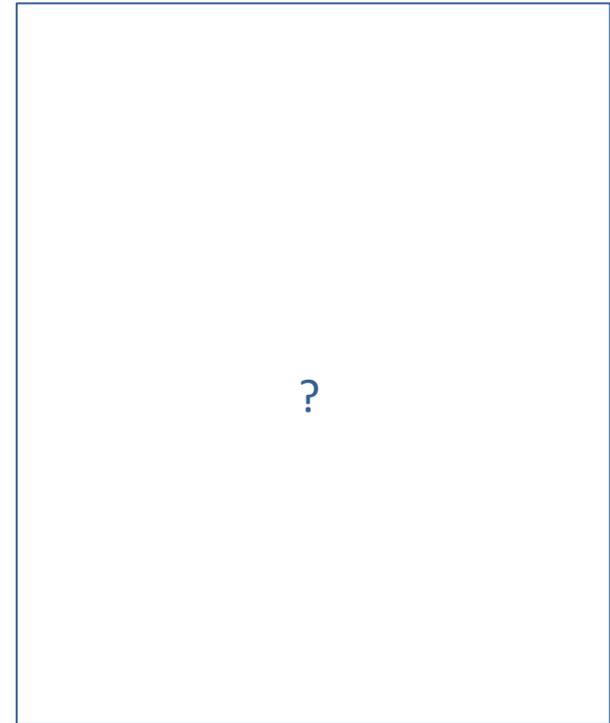
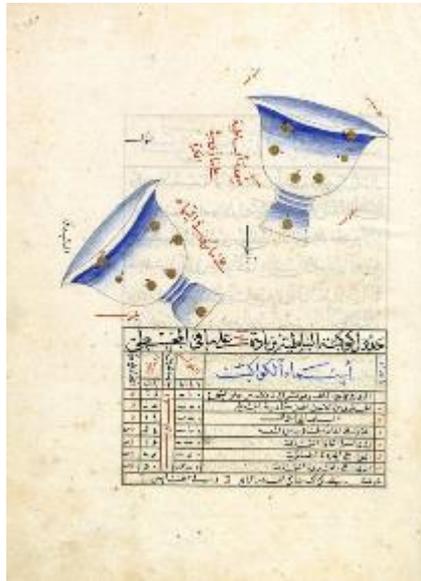
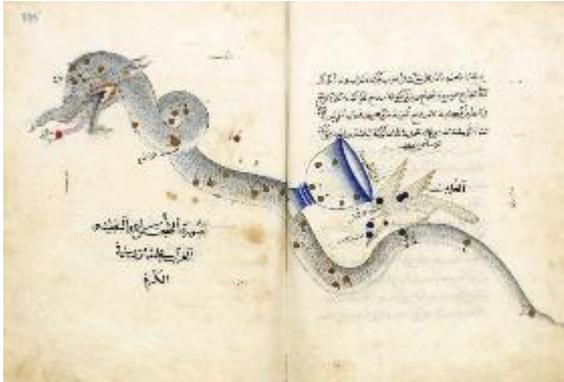


Oxford, Bodleian Libr
Pococke 257
1303/04; Aleppo



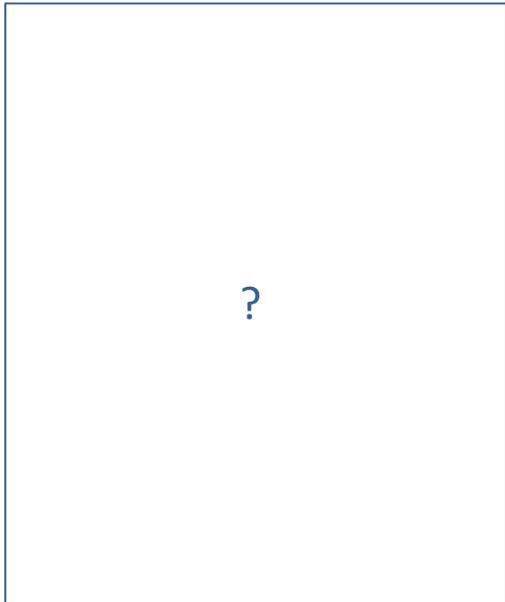
Escorial
Ms 915
20 March 1364 AD

NY, Metropolitan Mus
Ms 13.160-10 (Rogers Fund 1913)
c. 1400, Samarkand
n.b. – very ornate Crater



Paris BN
Ms arabe 5036
c. 1430-40, Samarkand
n.b. – Crater as blue-and-white cup; white Corvus

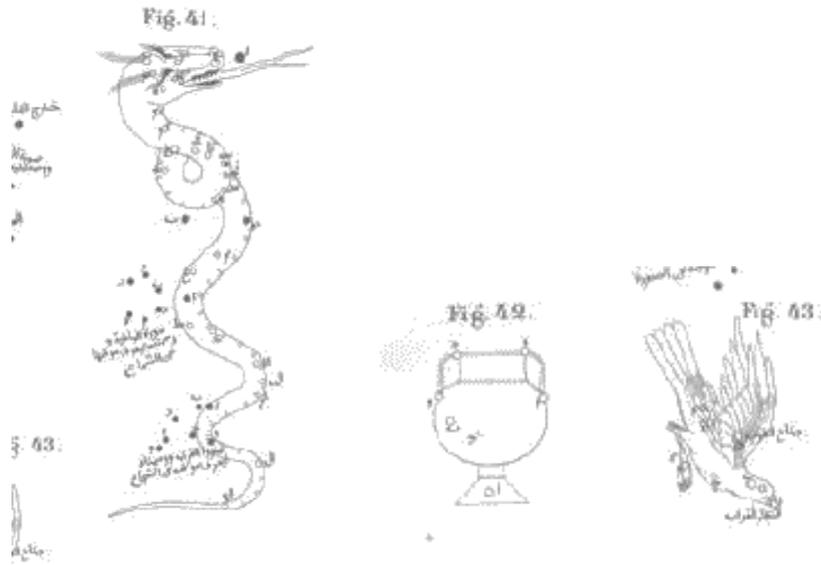
Bologna, Bibl. Univ
Ms 2953
8 Oct 1500 AD



Dublin, Chester Beatty Libr
 Ms Ar 4119
 1504/05 AD

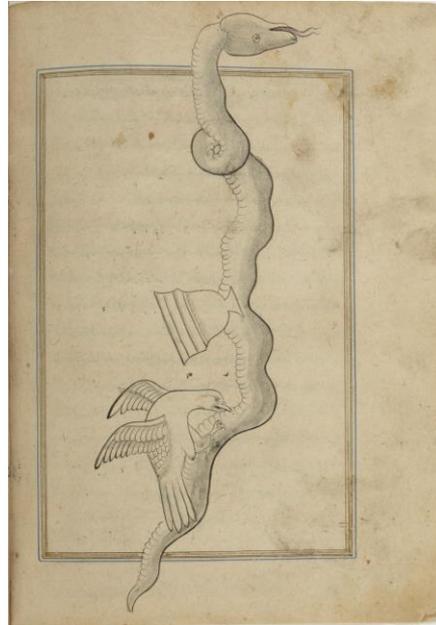
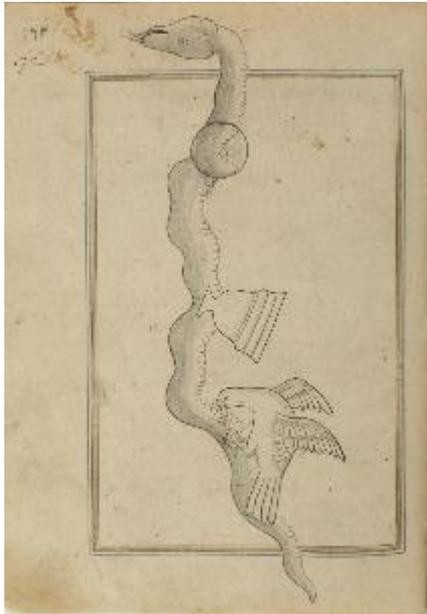
Paris BN
 Arabe 2490
 1516/17 AD

n.b. – Crater as elaborate chalice; white Corvus looking up

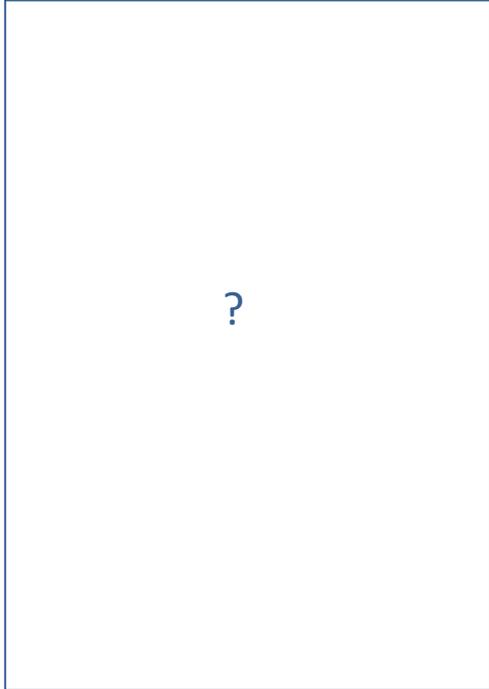


St Petersburg, Inst Or Studs
Ms n.s. 191
16th C; Istanbul ?
similar

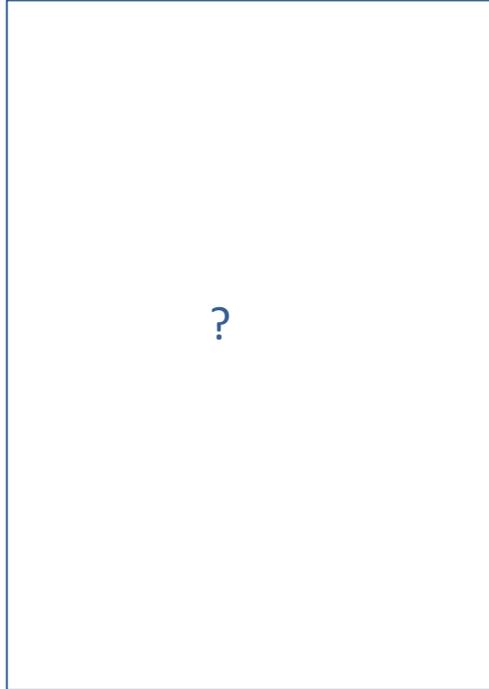
Princeton, Univ Libr
Ms Garrett 2259 Yehuda
al-Sufi, dated 3 Jan 1607
similar



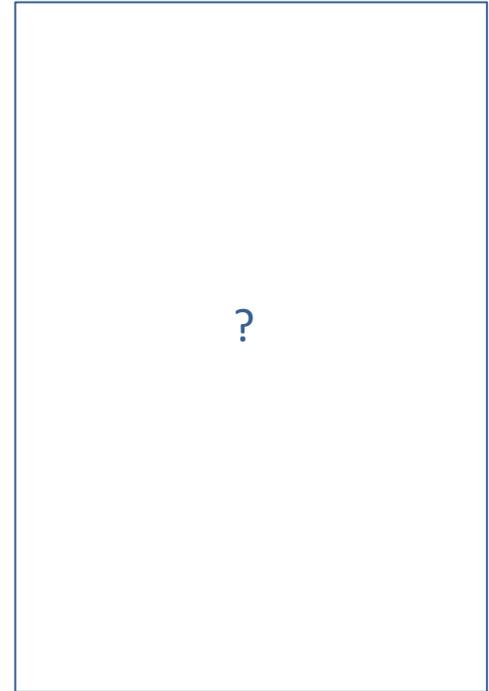
Paris BN
Arabe 6528
India, 1643-44
n.b. – Hya, Crv and Crv depicted together and Crater and Corvus separately



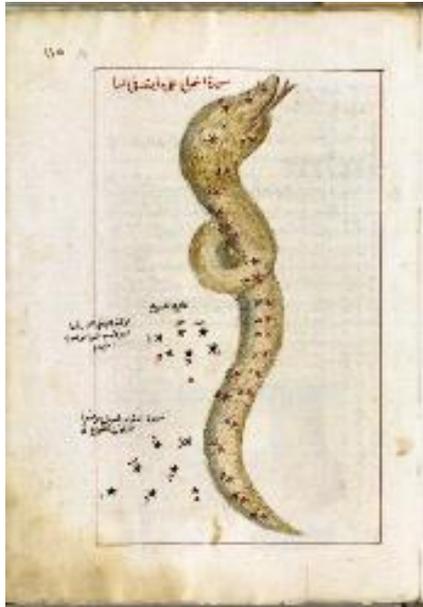
Dublin, Chester Beatty Libr
Ms Ar 4222
16th C; Iran



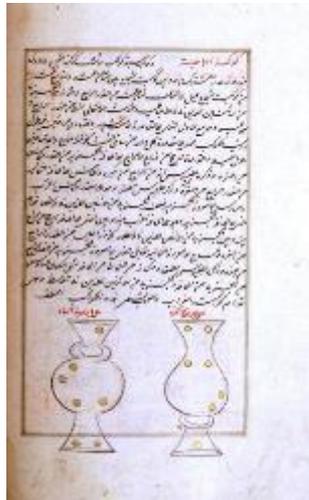
London BL
Add ms 7488
16th C



Istanbul, Pertter Pasa Libr
Ms 375
16th C



Copenhagen, Kong. Bibl.
Ms arabe 83
25 May 1602 AD; Medina; copied from copy dated 1013/14 AD believed to be al-Sufi's own copy
n.b. – Hydra with single curl; Crater as jar; Corvus wings open and head raised



New York, Met Museum of Art
Ms 1975.192.2
attr. Iran (?), 18th C
similar, **Corvus flying**

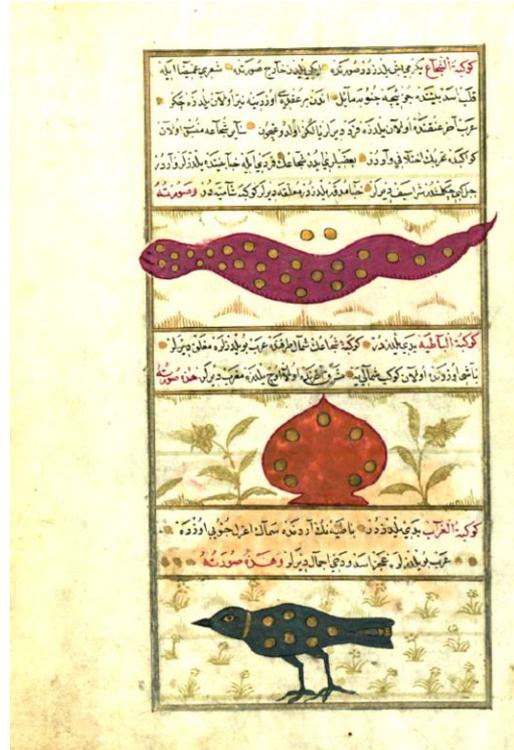
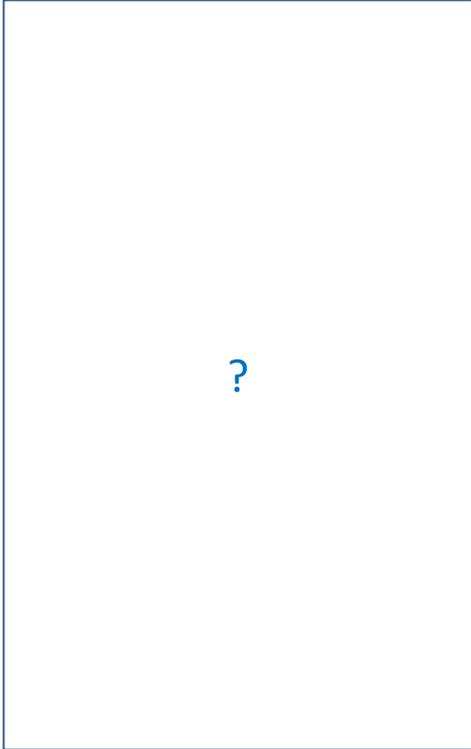
non-Latin Eastern mss – al-Sufi translations, etc.



al-Sufi, at-Tusi transl???



Tehran, Riza 'Abbasi Libr
Ms M. 570
Ibn-al-Sufi (son)
1159-60 AD



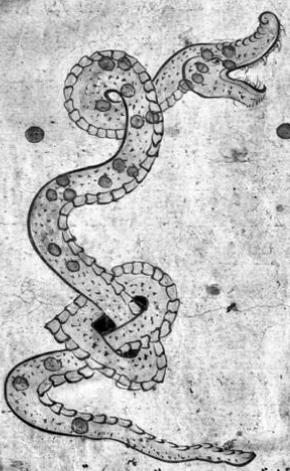
Baltimore, Walters Art Gall
 Ms W 359
 Qazwini –
 n.b. – Hydra as slug; Crater as shield



Paris BN
 Arabe 2178
 1762-63 AD –
 n.b. – Hydra with ears, Crater with handles

non-Latin Eastern mss - Qazwini

من القرون ولبس البهاش من الكواكب الموصوفة ذكر بطليونس ان الثور العظيم الذي على الجبال في القرون
 سهل هو احد كوكب السنين في الجنوب يرم على الاصطلاب واما العرب فالوايات عن السيل والكواكب
 السنين مختلفة فروي بعضهم ان الثور الذي على الجبال الذي سهل على الاطلاق والقطب الجنوبي في السنة
 بعض الجبال الذي عليه سهل كوكبة
 اشجاع كواكب حمة وعشرون كوكبا
 من القرون واثنان يماج العتورة واسه على
 زيا في القرون من صوت السوطان وهي الثوري
 العيصا وقلب الاسد يعلب عنهما اللطوب
 ساء ليلها لم ينطق الال جنوب والشرق
 فير على كوكبين لم ينطق الى كوكب فير على
 احد عقده عند منشا الظهور قد اربعة
 كواكب على ثمان اللتير والعرب تسمى العرب
 على الحرافة العنود لاشارة على شامه واما
 سائر الكواكب الموصوفة الاشجاع عن العرب فيه
 واما اشخافه فمهم من انب توك كوكب الفرد
 وبين الجاه كوكب مستطلة كالمثل التي في الشريف
 والنبات كواكب مستديرة تسمى القلوب هو كوكبة الناطية



هه سمة كواكب على ثمان كوكبة
 اشجاع والعرب تسمى الصواكب
 الملقب الاضعة التي على ارض الناطية
 في الشمال الشرقي والثلثة التي في آخرها
 في الجنوب الغربي وهذه
 صورتها



كوكبة القزاص
 هي سمة كواكب الناطية على جنوب النماك
 الاعنزل والعرب تسمى الكواكب على الاسد
 وتسمى ايضا عن ثمان الك انزل وتسمى
 ايضا الاجمال وهن صورتها



كوكب قنطورس
 هي سمة وثلثون كوكبا صوته صوت حيوان مقدمه مقادير
 من ناسه التي تخطهن وهو قرن موخر فيس ينشا طين الازنه ووجهه اللشقر وهو خرو اشد الى
 المغرب وبين شمراخان وقد يقض بين الابد السبع وعلين الهابة يتو لسي طين وعل ما فون الهى كوكب حصار
 وعلين الاخرى الوزن وهما اللذان يتيمان الخلفين والخلفين كما ذكرنا قبل فان التقدم منهما يستمر على جوي
 اكثيل فاطلع يشبهه من براه سهل ويقول غيره انه غير سهل فيما لكان بحث من يبي انه سهل

Washington DC, Freer
 Ms 1954 -52 (ex-Sarre)
 Qazwini
 n.b. – Hydra w/ heart-shaped knot; Corvus as pigeon

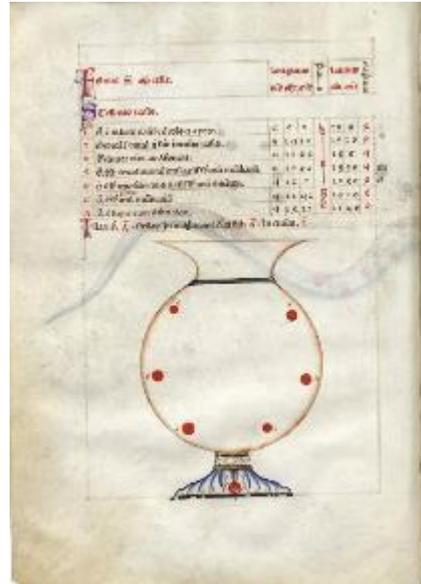
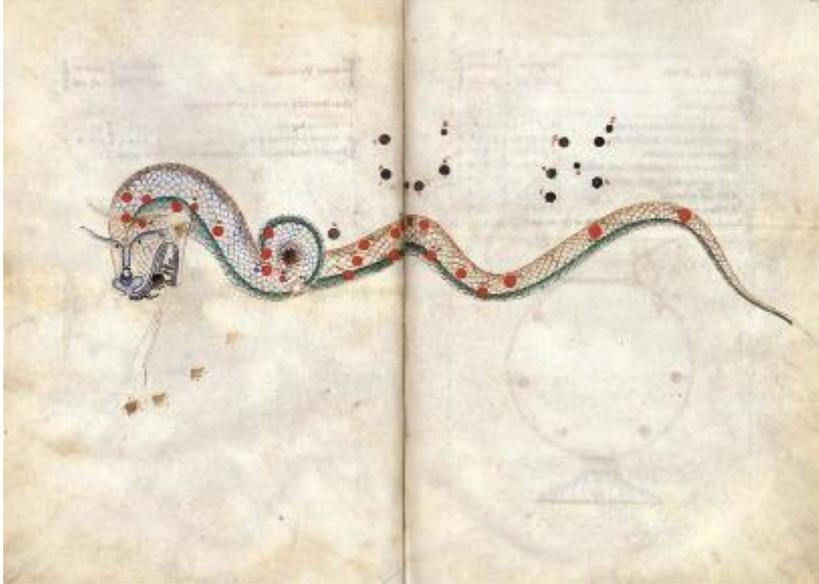
Sufi latinus – I

stellatio ydre et est species serpentium etiam nominatur asuia id est securus

stellatio vasis

stellatio corvi

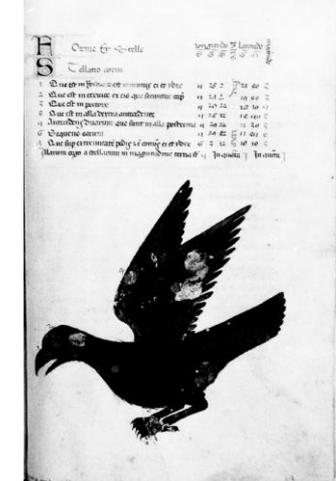
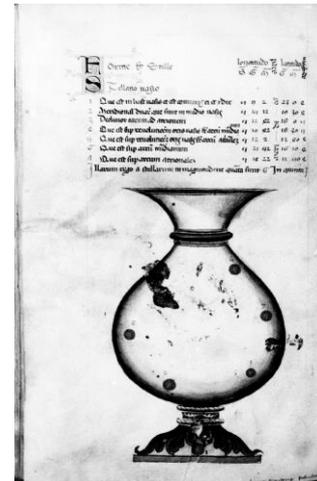
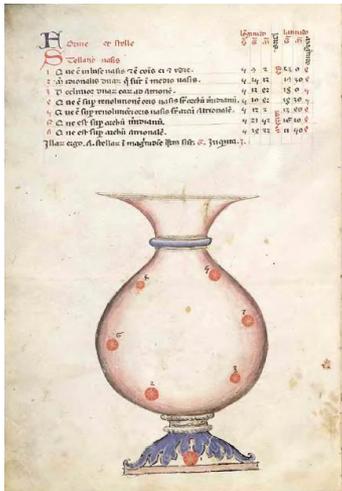
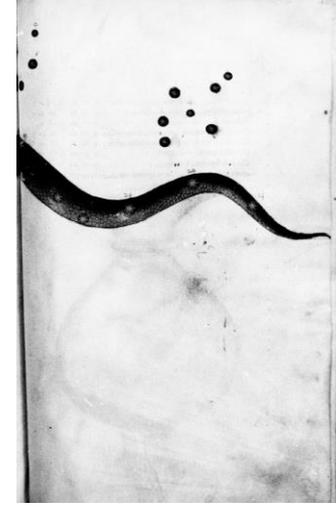
Corvus



Paris, Bibl Arsenal

Ms 1036

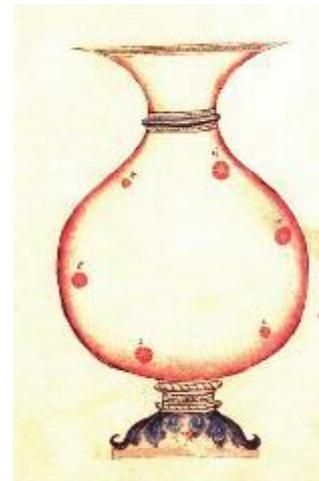
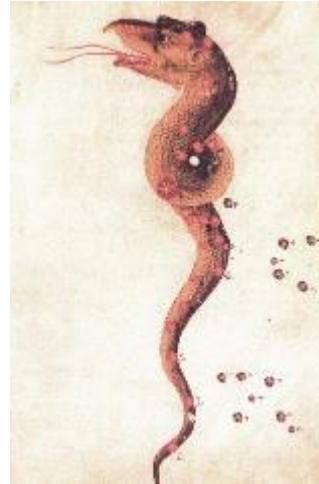
n.b. – Hydra facing to left with dragon's head and single curl in body; Crater as round-bellied; Corvus w/ wings open



Prague, Strahov
DA. II. 33
same

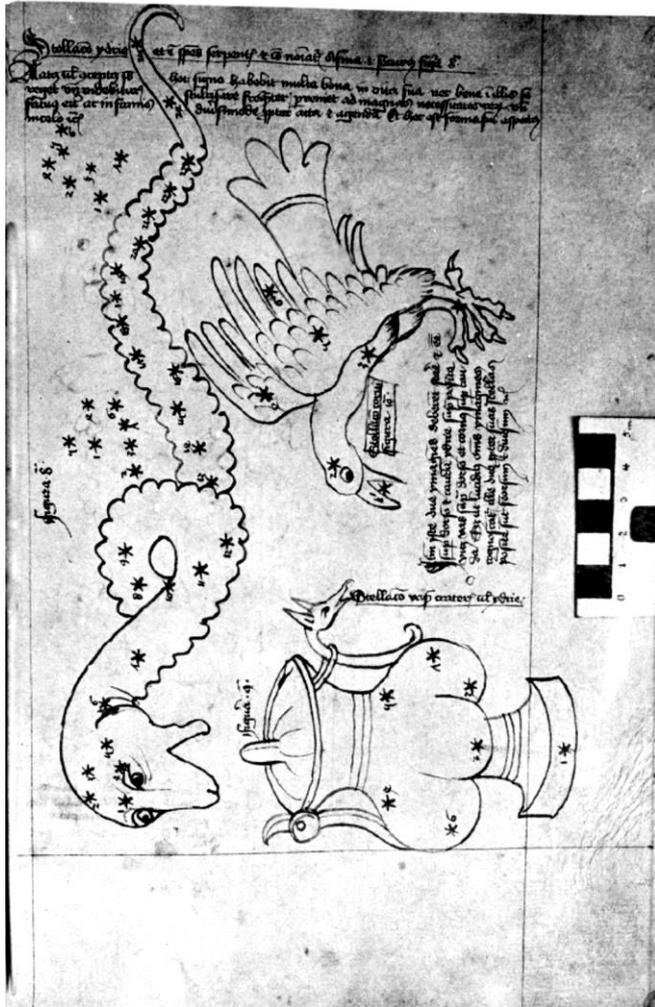
Berlin, Staatsbibl, KK
Ms 78 D 12
same

missing from manuscript



Munich, Staatsbibl
CIm 826

Gotha, Forshungsbibl
Membr II 141
same

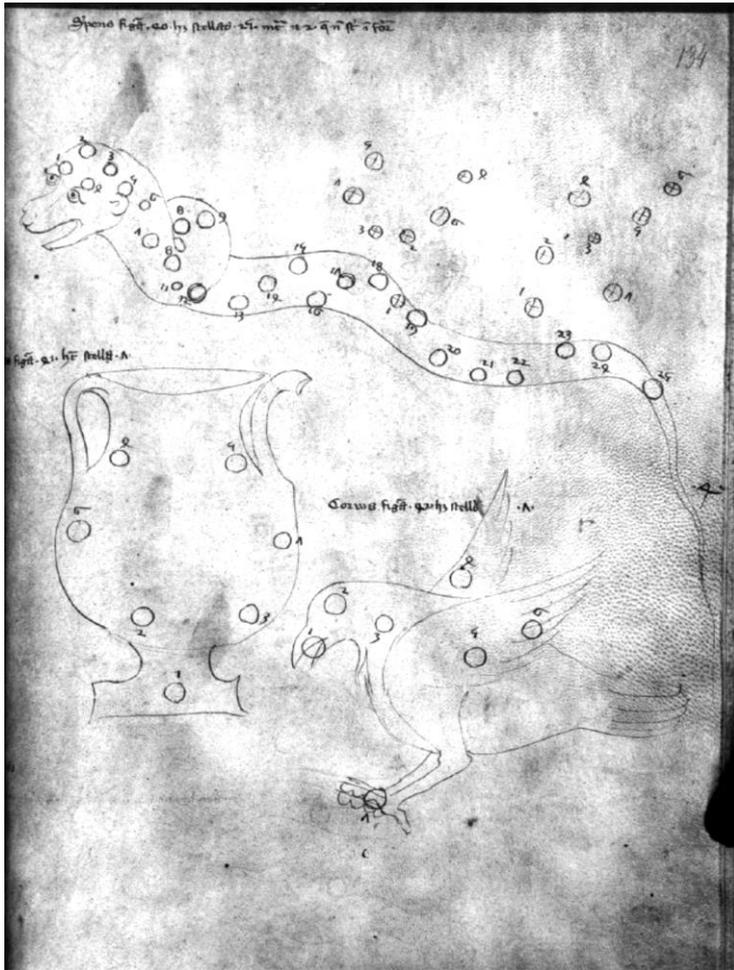


Catania, Bibl Univ
Ms Univ Ar, 387

n.b. – Hydra with curl;
Crater with animal-head
spout; Corvus wings open



Vienna, ONB
Cod 5318
same



Bernkastel-Kues, Nicolaus hosp.

Ms 207

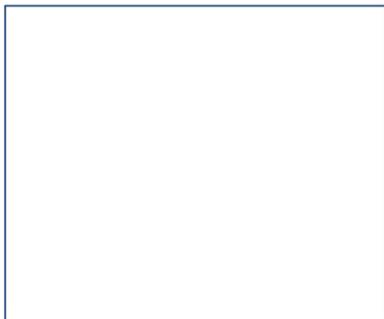
n.b. – Hydra with curl; Crater w/ spout; Corvus w/ wings open



El Escorial
Ms h 115

1 more Hydra; 2 more Crater, 1 more Corvus

n.b. – Hydra with single curl; Crater with two handles, Corvus flying



Vatican BAV
Reg lat 1283a



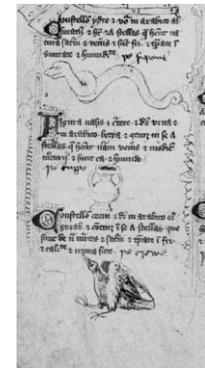
Vatican BAV
Vat lat 8174 same
Ydro ... e chiamasi
in latino ydre e in
arabico alsuah



Vaso ... e chiamasi
in latino vas et in
arabico alvatia
alquia

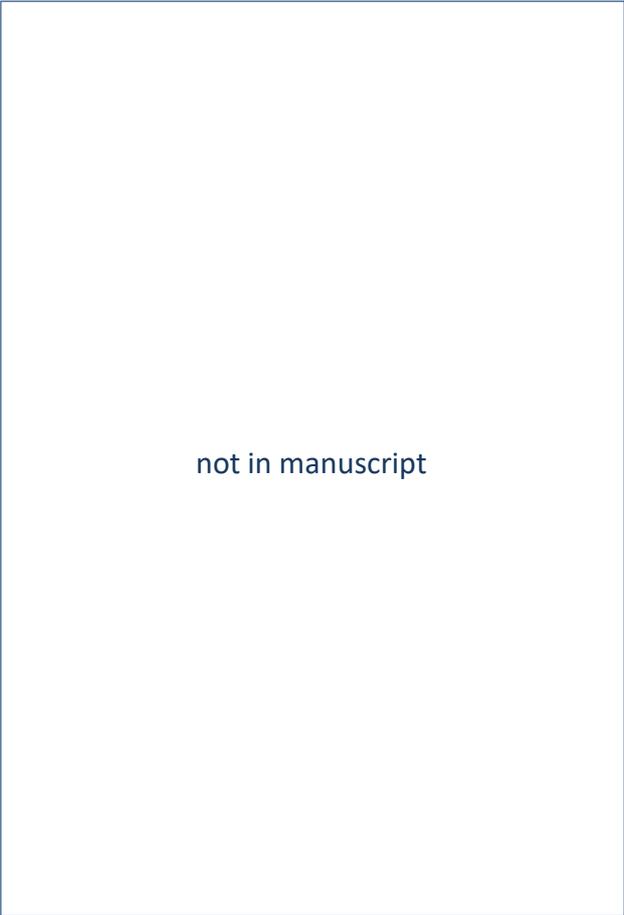


Corbo... e chiamasi
in latino corvus et
in arabico algarab



Los Angeles, Getty Mus
Ms Ludwig XII, 7

Alfonsine iconography



not in manuscript

Oxford, Bodleian Library
Can. misc. 27 (zodiac only)



Oxford, Bodleian Libr
Rawl C 117

n.b. –Hydra as 2-legged dragon with
knot in neck, curled tail with end
pointing upwards

stellacio ydre et est serpens
serpentium et nominator aluia (?)

Crater with spout

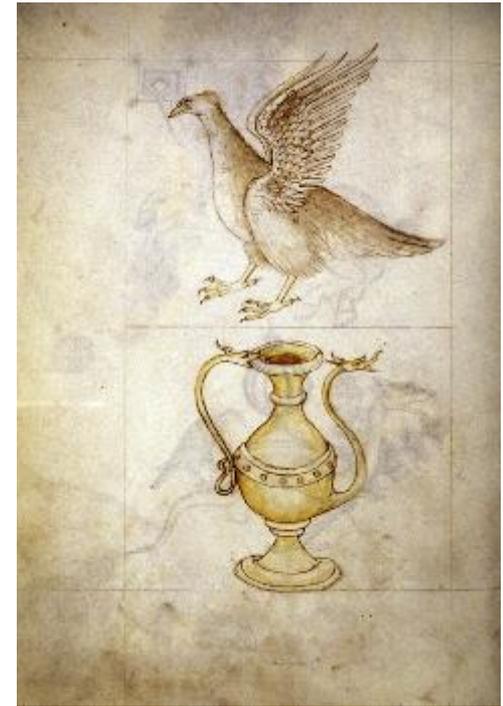
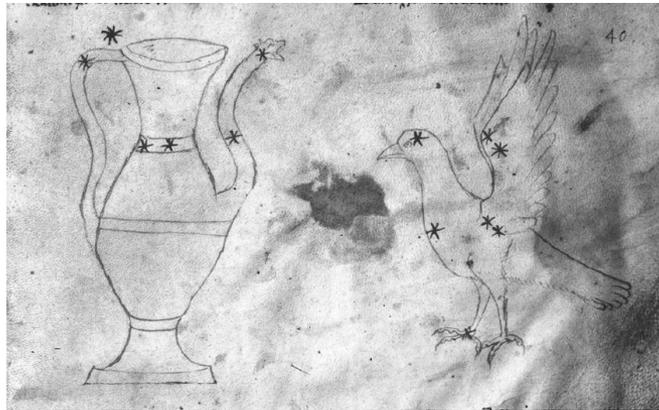
stellacio vasis

Corvus with one wing raised

stellacio corvi

Alfonsine Stellar Tables

Corvus

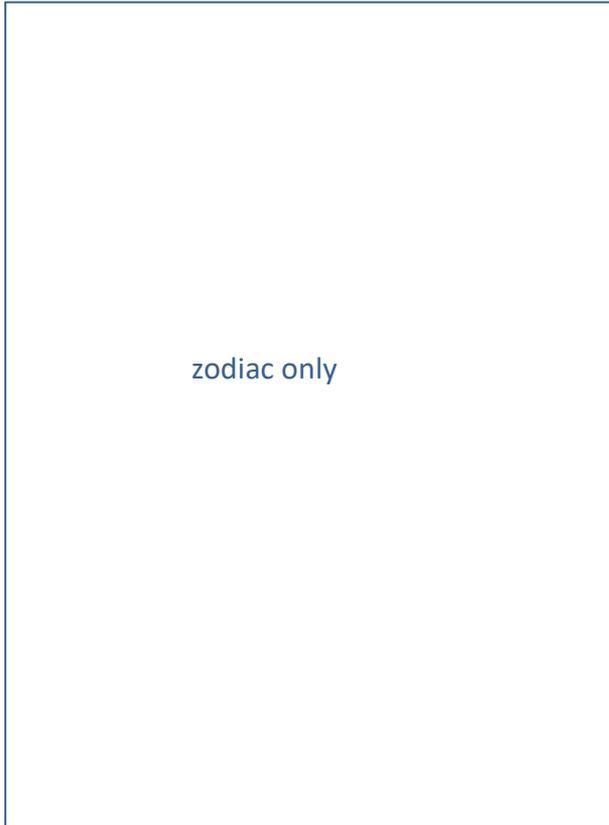


Vatican, BAV
Urb lat 1399

n.b – Hydra as 2-legged dragon w/ with knot in neck and tail vertical ; Crater as pitcher w/ spout
Serpens

Oxford, Bodleian Library
Can misc 554

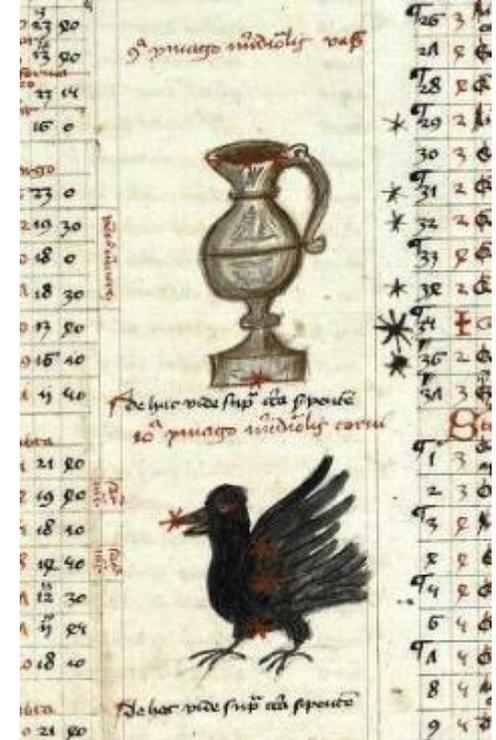
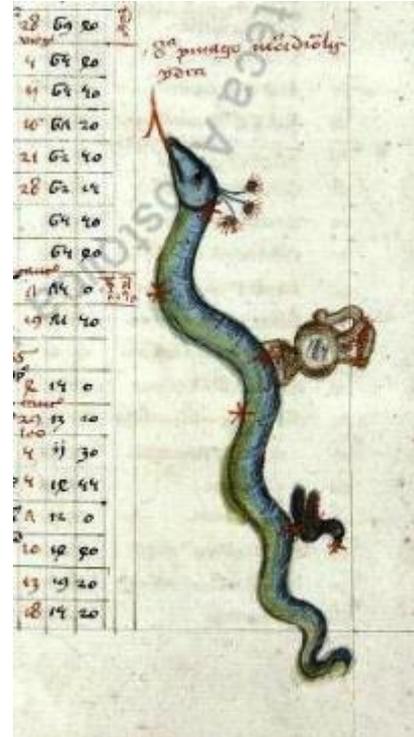
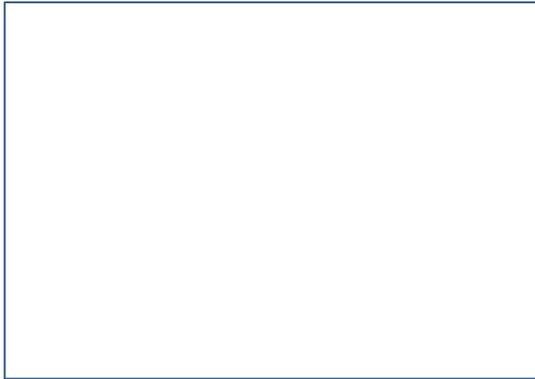
n.b. – Hydra in two versions: 1) as dragon with knot in neck and 2) with Crt and Crv; Crater with animal spout and handle; Corvus with wings raised



New York, Morgan Pierpont | Library
Ms 355 (zodiac only)

'Ptolemaic' stellar tables / picture books

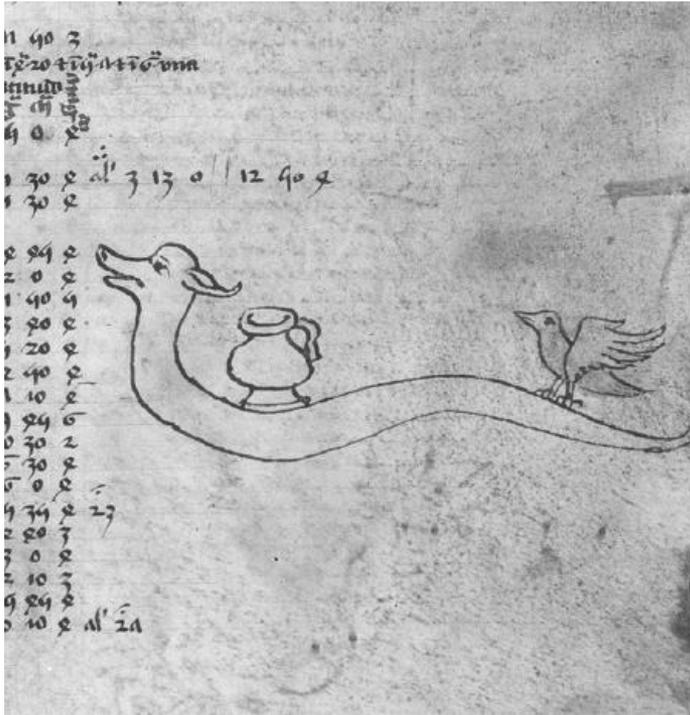
Corvus



Brussels, Bib Roy
Ms 10117-26

Vatican BAV
Pal lat 1368

n.b. — Hydra as snake with 3 fronds on head; Corvus faces tail
Stellatio ydre serpens serpentis



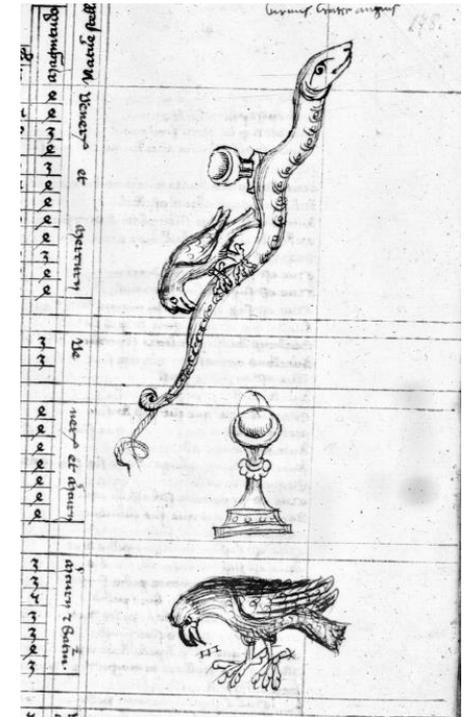
Vatican BAV
Pal lat 1377

n.b. – Hydra as snake w/ ears; Crater as pitcher w/ one handle; Corvus faces front w/ wings open

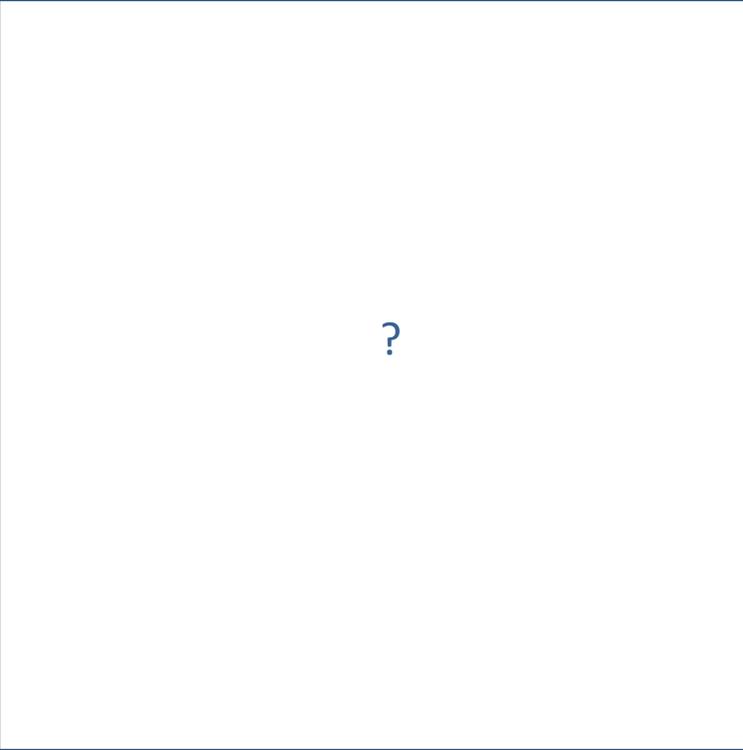


Torun
Ms 35

n.b. – Hydra as snake, Crater as chalice; Corvus facing tail and pecking

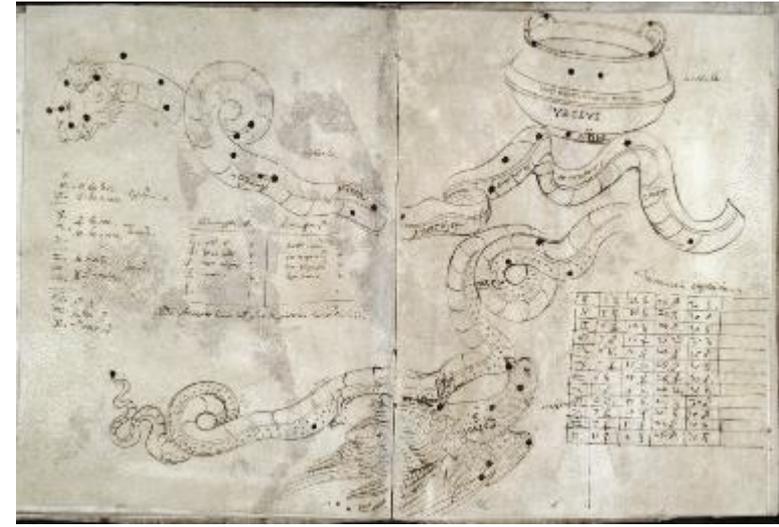
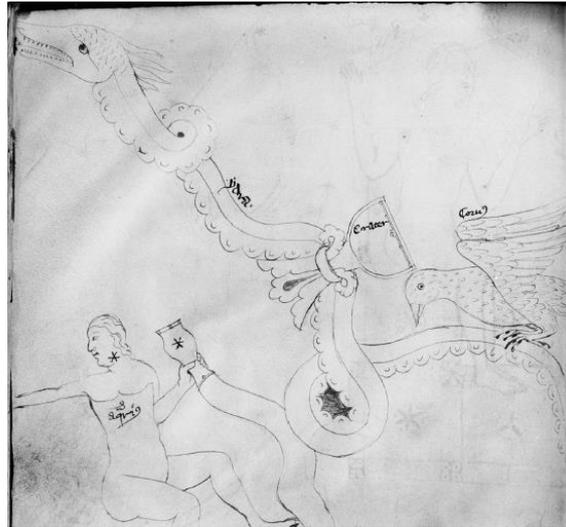
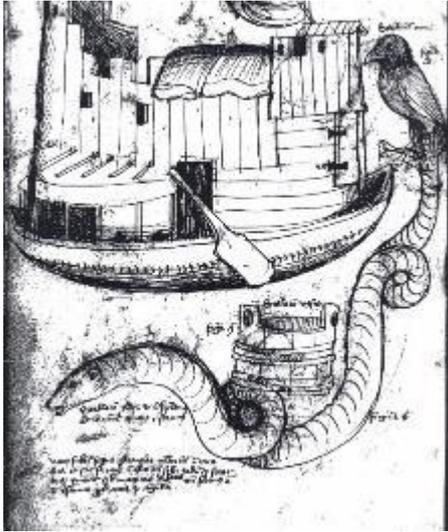


'Ptolemaic' stellar tables



?

Augsburg, Univ-bibl.
Cod II 1.2o 110



Cambridge MA
Houghton, Typ 43

n.b. – Hydra as worm w/ ears;
Crater as bucket; Corvus sitting
on top of tail

Stellatio ydre et est serpentium et
Ideo nominator asuan (?) id est
steurs (?)

Basle, Univ-Bib
Ms F. II. 33

n.b. – Hydra w/ 2 curls; Crater as
chalice; Corvus facing front, pecking

Florence, BNC,
Ms Angeli 1147

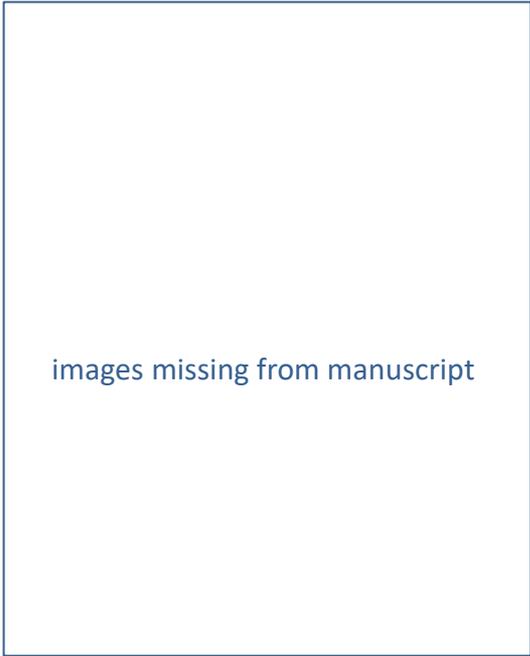
n.b. – Hydra with 3 curls; Crater as bucket; Corvus facing
forward and pecking; note that Hydra is cut after Crater =
copied from a hemisphere or globe hemisphere?



Philadelphia, U Penn
Ms LJS 57



southern hemisphere



Vienna, ONB
Hebrew 132



Padua, Univ . Bibl.
Cod 896

n.b. – with CrB, kneeling, both hands raised



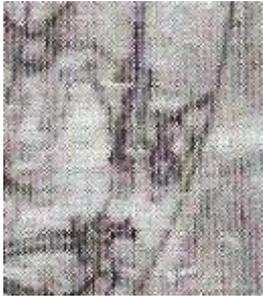
Vatican BAV
Urb lat 355

n.b. – Hydra w/ 2 curls; no Crater, no Corvus



Vatican BAV
Vat lat 1650

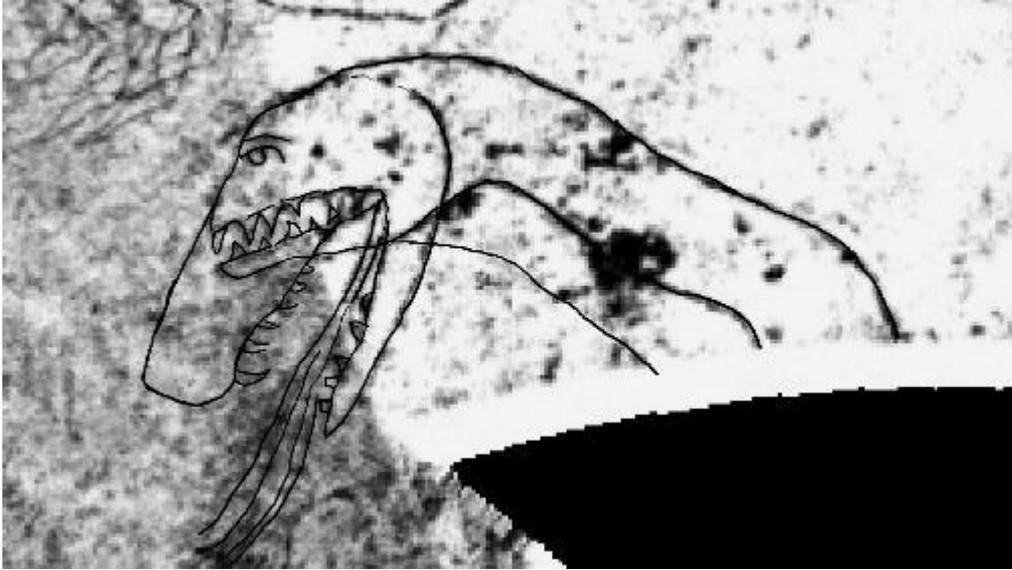
n.b. – Hydra is uncharacteristic, more like Ophiuchus's snake



Bernkastel-Kues
St Nicholas-Hospital
Ms 212 (hemispheres)
n.b. – Hydra's head in separate
hemisphere; Corvus faces tail



Darmstadt, , Univ- and Landesbibl.
Ms 1020
northern hemisphere
n.b. – Hydra w/ ears; Crater as cup; Corvus pecking and facing forward



Cusanus globe
n.b. – drawing overlay by Petr Hadrava
© Petr Hadrava



Miscellaneous (mantle of Henry II)

Corvus



Mantle of Henry II
Regensburg, c. 1020
Bamberg, Domschatz

n.b – Hydra flat, Crater as cup, Corvus faces forward



summer hemisphere